

SC-1

AR OK

22 APR 21 to 17 JUN 21



Federal Aviation  
Administration

TM

# U.S. Terminal Procedures Publication

South Central (SC) Vol 1 of 5

Effective: 0901Z

**22 APR 2021**

to: 0901Z

**17 JUN 2021**

Consult the Change Notice  
(CN) effective 20 MAY 2021 for  
revised Instrument Procedure  
Charts for this volume



Consult NOTAMs for latest information

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### CORRECTIONS, COMMENTS AND/OR PROCUREMENT

FOR CHARTING ERRORS, OR FOR CHANGES, ADDITIONS, RECOMMENDATIONS  
ON PROCEDURAL ASPECTS CONTACT:

FAA, Aeronautical Information Services

1305 East-West Highway

SSMC 4, Room 4531

Silver Spring, MD 20910-3281

Telephone: 1-800-638-8972

[https://www.faa.gov/air\\_traffic/flight\\_info/aeronav/aero\\_data/](https://www.faa.gov/air_traffic/flight_info/aeronav/aero_data/)

For inquiries regarding military charts, please contact [aerohelp@nga.mil](mailto:aerohelp@nga.mil)

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Frequently asked questions (FAQ) are answered on our website at <https://www.faa.gov/go/ais>  
See the FAQs prior to contact via toll free number or email.

Request for the creation or revisions to Airport Diagrams should be in accordance with  
FAA Order 7910.4.

## INOPERATIVE COMPONENTS OR VISUAL AIDS TABLE (For Civil Use Only)

Straight-in and Sidestep landing minimums published on instrument approach procedure charts are based on full operation of all components and visual aids (see exception below for ALSF 1 & 2) associated with the particular approach chart being used. Higher minimums are required with inoperative components or visual aids as indicated below. If more than one component is inoperative, each minimum is raised to the highest minimum required by any single component that is inoperative. ILS glideslope inoperative minimums are published on the instrument approach charts as localizer minimums. This table applies to approach categories A thru D and is to be used unless amended by notes on the approach chart. Such notes apply only to the particular approach category(ies) as stated. Category E inoperative notes will be specified when published on civil charts. The inoperative table does not apply to Circling minimums. See legend page for description of components indicated below.

Full Operation Exception: For ALSF 1 & 2 operated as SSALR, or when the sequenced flashing lights are inoperative, there is no effect on visibility for ILS lines of minima.

### (1) ILS, PAR, LPV, GLS minima

Inoperative Component or Visual Aid	Increase Visibility
All ALS types (except ODALS)	¼ mile

### (2) ILS, LPV, GLS with visibility minima of RVR 1800<sup>†</sup>/2000\*/2200\*

Inoperative Component or Visual Aid	Increase Visibility
ALSF 1 & 2, MALSR, SSALR	To RVR 4000 <sup>†</sup> To RVR 4500*
TDZL or RCLS	To RVR 2400#
RVR	To ½ mile

#For ILS, LPV, GLS procedures with a 200 foot HAT, RVR 1800 authorized with use of FD or AP or HUD to DA.

### (3) All Approach Types and all lines of minima other than (1) & (2) above

Inoperative Component or Visual Aid	Increase Visibility
ALSF 1 & 2, MALSR, SSALR	½ mile
MALSF, MAL, SSALF, SSALS, SALS, SALS	¼ mile

### (4) Sidestep minima (CAT C-D)

Inoperative Component or Visual Aid to Sidestep Runway	Increase Visibility
ALSF 1 & 2, MALSR, SSALR	½ mile

### (5) All Approach Types, All lines of minima

Inoperative Component or Visual Aid	Increase Visibility
ODALS (CAT A-B)	¼ mile
ODALS (CAT C-D)	⅛ mile

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IFR LANDING MINIMA

The United States Standard for Terminal Instrument Procedures (TERPS) is the approved criteria for formulating instrument approach procedures. Landing minima are established for six aircraft approach categories (ABCDE and COPTER). In the absence of COPTER MINIMA, helicopters may use the CAT A minimums of other procedures.

LANDING MINIMA FORMAT

In this example airport elevation is 1179, and runway touchdown zone elevation is 1152.

CATEGORY	A		B		C		D	
	MDA	HAA	MDA	HAA	MDA	HAA	MDA	HAA
S-ILS 27	1352	24			200			(200-½)
S-LOC 27	1440	24	288			(300-½)	1440/50	288 (300-1)
CIRCLING	1540-1		1640-1		1640-1½		1740-2	561 (600-2)
	361 (400-1)		461 (500-1)		461 (500-1½)		561 (600-2)	

COPTER MINIMA ONLY

CATEGORY	COPTER	
H-176°	680-½	363 (400-½)

All weather minimums in parentheses not applicable to Civil Pilots.  
Military Pilots refer to appropriate regulations.

Copter Approach Direction      Height of MDA/DA Above Landing Area (HAL)      No circling minimums are provided

NOTE: The **W** symbol indicates outages of the WAAS vertical guidance may occur daily at this location due to initial system limitations. WAAS NOTAMS for vertical outages are not provided for this approach. Use LNAV minima for flight planning at these locations, whether as a destination or alternate. For flight operations at these locations, when the WAAS avionics indicate that LNAV/VNAV or LPV service is available, then vertical guidance may be used to complete the approach using the displayed level of service. Should an outage occur during the procedure, reversion to LNAV minima may be required. As the WAAS coverage is expanded, the **W** will be removed.

RNAV minimums are dependent on navigation equipment capability, as stated in the applicable AFM, AFMS, or other FAA approved document. See AIM paragraph 5-4-5, AC 90-105 and AC 90-107 for detailed requirements for each line of minima.

COLD TEMPERATURE AIRPORTS

NOTE: A **⊖**-12°C symbol indicates a cold temperature altitude correction is required at this airport when reported temperature is at or below the published temperature. See the following Cold Temperature Error Table to make manual corrections. Advise ATC with altitude correction. Advising ATC with altitude corrections is not required in the final segment. See Aeronautical Information Manual (AIM), Chapter 7, for guidance and additional information. For a complete list, see the "Cold Temperature Airports" link under the Additional Resources heading at the bottom of the following page: [http://www.faa.gov/air\\_traffic/flight\\_info/aeronav/digital\\_products/dtpp/search/](http://www.faa.gov/air_traffic/flight_info/aeronav/digital_products/dtpp/search/)

COLD TEMPERATURE ERROR TABLE  
HEIGHT ABOVE AIRPORT IN FEET

REPORTED TEMP °C	200	300	400	500	600	700	800	900	1000	1500	2000	3000	4000	5000
+10	10	10	10	10	20	20	20	20	20	30	40	60	80	90
0	20	20	30	30	40	40	50	50	60	90	120	170	230	280
-10	20	30	40	50	60	70	80	90	100	150	200	290	390	490
-20	30	50	60	70	90	100	120	130	140	210	280	420	570	710
-30	40	60	80	100	120	140	150	170	190	280	380	570	760	950
-40	50	80	100	120	150	170	190	220	240	360	480	720	970	1210
-50	60	90	120	150	180	210	240	270	300	450	590	890	1190	1500

AIRCRAFT APPROACH CATEGORIES

Aircraft approach category indicates a grouping of aircraft based on a speed of VREF, if specified, or if VREF not specified, 1.3 VSO at the maximum certificated landing weight. VREF, VSO, and the maximum certificated landing weight are those values as established for the aircraft by the certification authority of the country of registry. Helicopters are Category A aircraft. An aircraft shall fit in only one category. When necessary to operate the aircraft at an airspeed in excess of the maximum airspeed of its certified aircraft approach category, pilots should use the applicable higher category minima. For additional options and to ensure the aircraft remains within protected airspace, consult the AIM. See following category limits:

MANEUVERING TABLE

Approach Category	A	B	C	D	E
Speed (Knots)	0-90	91-120	121-140	141-165	Abv 165

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CIRCLING APPROACH OBSTACLE PROTECTED AIRSPACE

The circling MDA provides vertical obstacle clearance during a circle-to-land maneuver. The circling MDA protected area extends from the threshold of each runway authorized for landing following a circle-to-land maneuver for a distance as shown in the tables below. The resultant arcs are then connected tangentially to define the protected area.

STANDARD CIRCLING APPROACH MANEUVERING RADIUS

Circling approach protected areas developed prior to late 2012 used the radius distances shown in the following table, expressed in nautical miles (NM), dependent on aircraft approach category. The approaches using standard circling approach areas can be identified by the absence of the **C** symbol on the circling line of minima.

Circling MDA in feet MSL	Approach Category and Circling Radius (NM)				
	CAT A	CAT B	CAT C	CAT D	CAT E
All Altitudes	1.3	1.5	1.7	2.3	4.5

**C** EXPANDED CIRCLING APPROACH MANEUVERING AIRSPACE RADIUS

Circling approach protected areas developed after late 2012 use the radius distance shown in the following table, expressed in nautical miles (NM), dependent on aircraft approach category, and the altitude of the circling MDA, which accounts for true airspeed increase with altitude. The approaches using expanded circling approach areas can be identified by the presence of the **C** symbol on the circling line of minima.

Circling MDA in feet MSL	Approach Category and Circling Radius (NM)				
	CAT A	CAT B	CAT C	CAT D	CAT E
1000 or less	1.3	1.7	2.7	3.6	4.5
1001-3000	1.3	1.8	2.8	3.7	4.6
3001-5000	1.3	1.8	2.9	3.8	4.8
5001-7000	1.3	1.9	3.0	4.0	5.0
7001-9000	1.4	2.0	3.2	4.2	5.3
9001 and above	1.4	2.1	3.3	4.4	5.5

Comparable Values of RVR and Visibility

The following table shall be used for converting RVR to ground or flight visibility. For converting RVR values that fall between listed values, use the next higher RVR value; do not interpolate. For example, when converting 4800 RVR, use 5000 RVR with the resultant visibility of 1 mile.

RVR (feet)	Visibility (SM)	RVR (feet)	Visibility (SM)	RVR (feet)	Visibility (SM)	RVR (feet)	Visibility (SM)
1600	¼	2400	½	3500	¾	5500	1
1800	½	2600	½	4000	¾	6000	1¼
2000	½	3000	¾	4500	¾		
2200	½	3200	¾	5000	1		

**RADAR MINIMA**

	RWY	GP/TCH/RPI	CAT	DA/ MDA-VIS	HAT HAA	CEIL-VIS	CAT	DA/ MDA-VIS	HAT HAA	CEIL-VIS
PAR	10	2.5°/42/1000	ABCDE	195/16	100	(100-¼)				
	28	2.5°/48/1068	ABCDE	187/16	100	(100-¼)				
ASR	10		ABC	560/40	463	(500-¾)	DE	560/50	463	(500-1)
	28		AB	600/50	513	(600-1)	CDE	600/60	513	(600-1¼)
CIR	10		AB	560-1¼	463	(500-1¼)	CDE	560-1½	463	(500-1½)
	28		AB	600-1¼	503	(600-1¼)	CDE	600-1½	503	(600-1½)

Visibility in Statute Miles ↙

All minimums in parentheses not applicable to Civil Pilots. Military Pilots refer to appropriate regulations.

**Radar Minima:**

1. Minima shown are the lowest permitted by established criteria. Pilots should consult applicable directives for their category of aircraft.
2. The circling MDA and weather minima to be used are those for the runway to which the final approach is flown- not the landing runway. In the above RADAR MINIMA example, a category C aircraft flying a radar approach to runway 10, circling to land on runway 28, must use an MDA of 560 feet with weather minima of 500-1½.

NOTE: Military RADAR MINIMA may be shown with communications symbology that indicates emergency frequency monitoring capability by the radar facility as follows: (E) VHF and UHF emergency frequencies monitored (V) VHF emergency frequency (121.5) monitored (U) UHF emergency frequency (243.0) monitored

Additionally, unmonitored frequencies which are available on request from the controlling agency may be annotated with an "x".

- ⚠ Alternate Minimums not standard. Civil users refer to tabulation. USA/USN/USAF pilots refer to appropriate regulations.
- ⚠ NA Alternate minimums are Not Authorized due to unmonitored facility or absence of weather reporting service.
- ⚠ Airport is published in the Takeoff Minimums, (Obstacle) Departure Procedures, and Diverse Vector Area (Radar Vectors) tabulation.

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## GENERAL INFORMATION

This publication is issued every 56 days and includes Standard Instrument Approach Procedures (SIAPs), Standard Instrument Departures (SIDs), Standard Terminal Arrivals (STARs), IFR Takeoff Minimums and (Obstacle) Departure Procedures (ODPs), IFR Alternate Minimums, and Radar Instrument Approach Minimums for use by civil and military aviation. The organization responsible for SIAPs, Radar Minimums, SIDs, STARs and graphic ODPs is identified in parentheses in the top margin of the procedure; e.g., (FAA), (FAA-O), (USA), (USAF), (USN). SIAPs with the (FAA) and (FAA-O) designation are regulated under 14 CFR, Part 97. SIAPs with the (FAA-O) designation have been developed under Other Transaction Agreement (OTA) by private providers and have been certified by the FAA. See 14 CFR, Part 91.175 (a) and the AIM for further details. 14 CFR, Part 91.175 (g) and the Special Notices section of the Chart Supplement contain information on civil operations at military airports.

The FAA uses an internal numbering system on all charts in the TPP. This Approach and Landing (AL) number is located on the top center margin of the chart followed by the organization responsible for the procedure in parentheses, e.g., AL-18 (FAA), AL-227 (USAF).

### CHART CURRENCY INFORMATION

Date of Latest Revision                      09365

The Date of Latest Revision identifies the Julian date the chart was added or last revised for any reason. The first two digits indicate the year, the last three digits indicate the day of the year (001 to 365/6) in which the latest revision of any kind has been made to the chart.

FAA Procedure Amendment Number		Procedure Amendment Effective Date
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The FAA Procedure Amendment Number represents the most current amendment of a given procedure. The Procedure Amendment Effective Date represents the AIRAC cycle date on which the procedure amendment was incorporated into the chart. Updates to the amendment number & effective date represent procedural/criteria revisions to the charted procedure, e.g., course, fix, altitude, minima, etc. On Departure Procedures and Standard Terminal Arrivals, procedural revisions to the current chart are indicated by an upnumber to the procedure title with the procedure amendment effective date following. On Radar Minima, Takeoff Minimums and (Obstacle) Departure Procedures and Diverse Vector Areas, the FAA Procedure Amendment Number, Procedure Effective Date, and the Julian Date of Last Revision will be shown on the same line, e.g., AMDT 2 10DEC15 (15344).

### MISCELLANEOUS

★ Indicates a non-continuously operating facility, see Chart Supplement.

For Civil (FAA) instrument procedures, "RADAR REQUIRED" in the planview of the chart indicates that ATC radar must be available to assist the pilot when transitioning from the en route environment. "Radar required" in the pilot briefing portion of the chart indicates that ATC radar is required on portions of the procedure outside the final approach segment, including the missed approach. Some military procedures also have equipment requirements such as "Radar Required", but do not conform to the same charting application standards used by the FAA.

Distances are in nautical miles (except visibility in statute miles and Runway Visual Range in hundreds of feet). Runway dimensions are in feet. Elevations are in feet, Mean Sea Level (MSL). Ceilings are in feet above airport elevation. Radials/bearings/headings/courses are magnetic. Horizontal Datum: Unless otherwise noted on the chart, all coordinates are referenced to North American Datum 1983 (NAD 83), which for charting purposes is considered equivalent to World Geodetic System 1984 (WGS 84).

Terrain is scaled within the neat lines (planview boundaries) and does not accurately underlie not-to-scale distance depictions or symbols.

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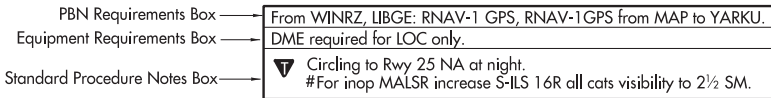
STANDARD TERMINAL ARRIVALS AND DEPARTURE PROCEDURES

The use of the associated codified STAR/DP and transition identifiers are requested of users when filing flight plans via teletype and are required for users filing flight plans via computer interface. It must be noted that when filing a STAR/DP with a transition, the first three coded characters of the STAR and the last three coded characters of the DP are replaced by the transition code. Examples: ACTON SIX ARRIVAL, file (AQN.AQN6); ACTON SIX ARRIVAL, EDNAS TRANSITION, file (EDNAS.AQN6). FREEHOLD THREE DEPARTURE, file (FREH3.RBV), FREEHOLD THREE DEPARTURE, ELWOOD CITY TRANSITION, file (FREH3.EWC).

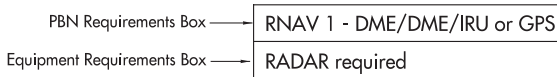
PROCEDURE PBN/EQUIPMENT REQUIREMENTS

Users will begin to see Performance-Based Navigation (PBN) Requirements and Equipment Requirements on Instrument Approach Procedures (IAPs), RNAV STARS and RNAV DPs prominently displayed in separate, standardized notes boxes. For procedures with PBN elements, the PBN box will contain the procedure's navigation specification(s); and, if required: specific sensors or infrastructure needed for the navigation solution; any additional or advanced functional requirements; the minimum Required Navigation Performance (RNP) value and any amplifying remarks. Items listed in this PBN box are REQUIRED for the procedure's PBN elements. The Equipment Requirements Box will list non-PBN requirements. On charts with both PBN elements and equipment requirements, the PBN requirements box will be listed first. The publication of these notes will continue incrementally until all charts have been amended to comply with the new standard.

IAP PBN/Equipment Requirements Notes Box







RNAV STAR and DP PBN/Equipment Requirements Notes Box



PILOT CONTROLLED AIRPORT LIGHTING SYSTEMS

Available pilot controlled lighting (PCL) systems are indicated as follows:

1. Approach lighting systems that bear a system identification are symbolized using negative symbology, e.g., , , .
2. Approach lighting systems that do not bear a system identification are indicated with a negative "L" beside the name. A star (\*) indicates non-standard PCL, consult Chart Supplement, e.g., .

To activate lights, use frequency indicated in the communication section of the chart with a  or the appropriate lighting system identification e.g., UNICOM 122.8 , , .

KEY MIKE

- 7 times within 5 seconds
- 5 times within 5 seconds
- 3 times within 5 seconds

FUNCTION

- Highest intensity available
- Medium or lower intensity (Lower REIL or REIL-off)
- Lowest intensity available (Lower REIL or REIL-off)

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## ABBREVIATIONS

AAUP.....	Attention All Users Page	GLS.....	Ground Based Augmentation System Landing System
ADF.....	Automatic Direction Finder	GP.....	Glidepath
ADIZ.....	Air Defense Identification Zone	GPI.....	Ground Point of Interception
AFIS.....	Automatic Flight Information Service	GPS.....	Global Positioning System
ALS.....	Approach Light System	GS.....	Glide Slope
ALSF.....	Approach Light System with Sequenced Flashing Lights	HAA.....	Height above Airport
AOB.....	At Or Below	HAL.....	Height above Landing
AP.....	Autopilot System	HAT.....	Height above Touchdown
APCH.....	Approach	HATH.....	Height Above Threshold
APP CON.....	Approach Control	HCH.....	Helipoint Crossing Height
AR.....	Authorization Required	HGS.....	Head-up Guidance System
ARR.....	Arrival	HIRL.....	High Intensity Runway Lights
ASOS.....	Automated Surface Observing System	HUD.....	Head-up Display
ASR/PAR.....	Published Radar Minimums at this Airport	IAF.....	Initial Approach Fix
ASSC.....	Airport Surface Surveillance Systems	ICAO.....	International Civil Aviation Organization
ATIS.....	Automatic Terminal Information Service	IF.....	Intermediate Fix
AUNICOM.....	Automated UNICOM	IM.....	Inner Marker
AWOS.....	Automated Weather Observing System	INOP.....	Inoperative
AZ.....	Azimuth	INT.....	Intersection
BC.....	Back Course	K.....	Knots
BND.....	Bound	KIAS.....	Knots Indicated Airspeed
C.....	Circling	LAAS.....	Local Area Augmentation System
CAT.....	Category	LDA.....	Localizer Type Directional Aid
CCW.....	Counter Clockwise	Ldg.....	Landing
CDI.....	Course Deviation Indicator	LRL.....	Low Intensity Runway Lights
Chan.....	Channel	LNAV.....	Lateral Navigation
CIFP.....	Coded Instrument Flight Procedures	LOC.....	Localizer
CIR.....	Circling	LP.....	Localizer Performance
CLNC DEL.....	Clearance Delivery	LPV.....	Localizer Performance with Vertical Guidance
CNF.....	Computer Navigation Fix	LR.....	Lead Radial. Provides at least 2 NM (Copter 1 NM) of lead to assist in turning onto the intermediate/final course.
CPDLC.....	Controller Pilot Data Link Communication	MAA.....	Maximum Authorized Altitude
CTAF.....	Common Traffic Advisory Frequency	MALS.....	Medium Intensity Approach Light System
CW.....	Clockwise	MALSf.....	Medium Approach Lighting System with Sequenced Flashers
D-ATIS.....	Digital-Automatic Terminal Information Service	MALSR.....	Medium Intensity Approach Light System with RAIL
DA.....	Decision Altitude	MAP.....	Missed Approach Point
DER.....	Departure End of Runway	MDA.....	Minimum Descent Altitude
DH.....	Decision Height	MIRL.....	Medium Intensity Runway Lights
DME.....	Distance Measuring Equipment	MM.....	Middle Marker
DTHR.....	Displaced Threshold	MRA.....	Minimum Reception Altitude
DVA.....	Diverse Vector Area	N/A.....	Not Applicable
ELEV.....	Elevation	NA.....	Not Authorized
EMAS.....	Engineered Material Arresting System	NDB.....	Non-directional Radio Beacon
FAF.....	Final Approach Fix	NM.....	Nautical Mile
FD.....	Flight Director System	NoPT.....	No Procedure Turn Required (Procedure Turn shall not be executed without ATC clearance)
FM.....	Fan Marker		
FMS.....	Flight Management System		
GBAS.....	Ground Based Augmentation System		
GCO.....	Ground Communications Outlet		

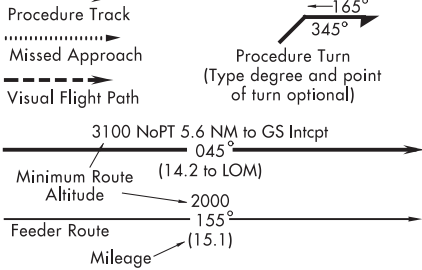
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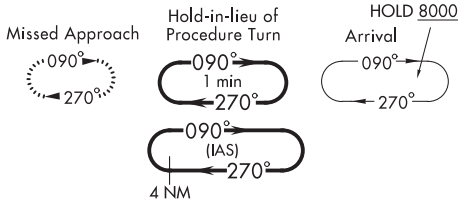
ODALS.....	Omnidirectional Approach Light System
ODP.....	Obstacle Departure Procedure
OM.....	Outer Marker
PAR.....	Precision Approach Radar
PDC.....	Pre-Departure Clearance
PRM.....	Precision Runway Monitor
R.....	Radial
RA.....	Radio Altimeter setting height
RAIL.....	Runway Alignment Indicator Lights
RCLS.....	Runway Centerline Light System
REIL.....	Runway End Identifier Lights
RF.....	Radius-to-Fix
RLLS.....	Runway Lead-in Light System
RNAV.....	Area Navigation
RNP.....	Required Navigation Performance
RPI.....	Runway Point of Intercept(ion)
RRL.....	Runway Remaining Lights
Rwy.....	Runway
RVR.....	Runway Visual Range
S.....	Straight-in
SALS.....	Short Approach Light System
SALSF.....	Short Approach Lighting System with Sequenced Flashing Lights
SSALF.....	Simplified Short Approach Lighting System with Sequenced Flashers
SSALR.....	Simplified Short Approach Light System with RAIL
SSALS.....	Simplified Short Approach Lighting System
SDF.....	Simplified Directional Facility
SM.....	Statute Mile
SOIA.....	Simultaneous Offset Instrument Approach
SR-SS.....	Sunrise-Sunset
TAA.....	Terminal Arrival Area
TAC.....	TACAN
TCH.....	Threshold Crossing Height (height in feet Above Ground level)
TDZ.....	Touchdown Zone
TDZE.....	Touchdown Zone Elevation
TDZ/CL.....	Touchdown Zone and Runway Centerline Lighting
TDZL.....	Touchdown Zone Lights
THR.....	Threshold
TODA.....	Takeoff Distance Available
TORA.....	Takeoff Run Available
TR.....	Track
VASI.....	Visual Approach Slope Indicator
VCOA.....	Visual Climb Over Airport
VDP.....	Visual Descent Point
VGSI.....	Visual Glide Slope Indicator
VNAV.....	Vertical Navigation
WAAS.....	Wide Area Augmentation System
WP/WPT.....	Waypoint (RNAV)

PLANVIEW SYMBOLS

TERMINAL ROUTES

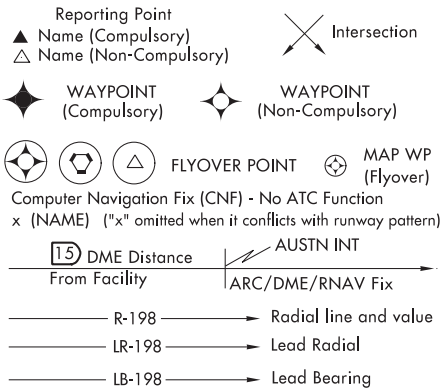


HOLDING PATTERNS



Holding pattern with max. restricted airspeed: (175K) applies to all altitudes. (210K) applies to altitudes above 6000' to and including 14000'. Arrival Holding Pattern altitude restrictions will be indicated when they deviate from the adjacent leg. Timing or distance limits for Hold-in-lieu of Procedure Turn Holding Patterns will be shown. DME fixes may be shown.

FIXES/ATC REPORTING REQUIREMENTS



ALTITUDES

<u>3500</u> Mandatory Altitude	3000 Recommended Altitude
<u>2500</u> Minimum Altitude	<u>5000</u> Mandatory Block Altitude
<u>4300</u> Maximum Altitude	<u>3000</u> Altitude

INDICATED AIRSPEED

<u>175K</u>	<u>120K</u>	<u>250K</u>	180K
Mandatory Airspeed	Minimum Airspeed	Maximum Airspeed	Recommended Airspeed

RADIO AIDS TO NAVIGATION

110.1 Underline indicates No Voice transmitted on this frequency

Compulsory:



Non-Compulsory:



LOM/LMM (Compass locator at Outer Marker/Middle Marker)

Marker Beacon

Marker beacons that are not specifically part of the procedure.

Localizer (LOC/LDA) Course  
Right side shading- Front course; Left side shading- Back Course

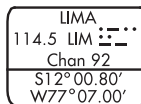
SDF Course

LOC/DME

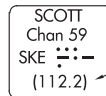
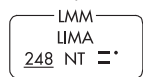
LOC/LDA/SDF Transmitter

(shown when installation is offset from its normal position off the end of the runway.)

Primary Navaid with Coordinate Values



Secondary Navaid



VHF Paired Frequency

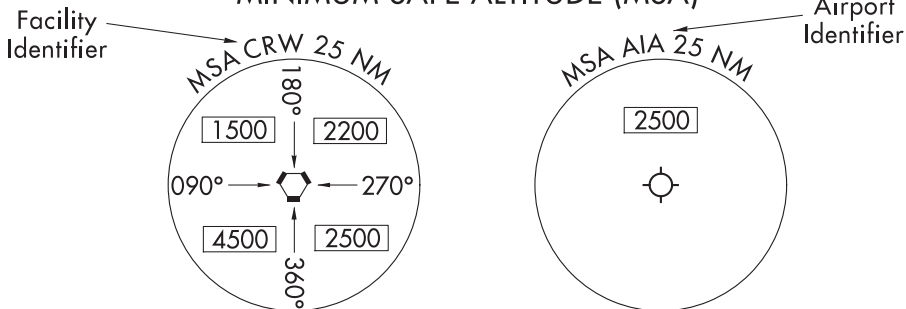
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LEGEND 21112 INSTRUMENT APPROACH PROCEDURES (CHARTS)

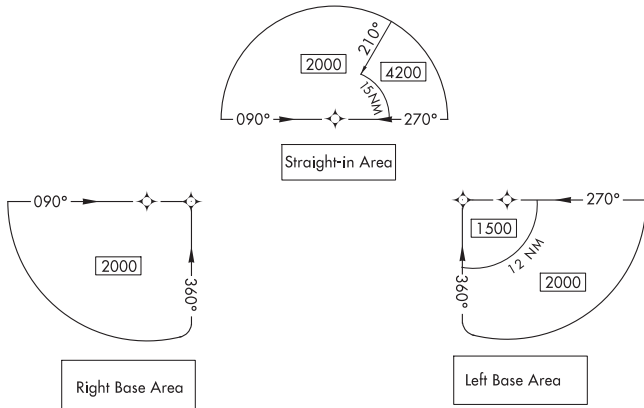
PLANVIEW SYMBOLS

MINIMUM SAFE ALTITUDE (MSA)

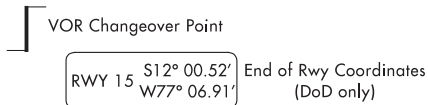


(arrows on distance circle identify sectors)

TERMINAL ARRIVAL AREA (TAA)



MISCELLANEOUS

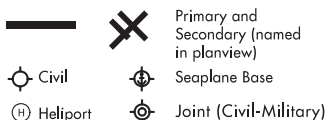


- Distance not to scale
- International Boundary
- Air Defense Identification Zone

SPECIAL USE AIRSPACE



AIRPORTS



OBSTACLES



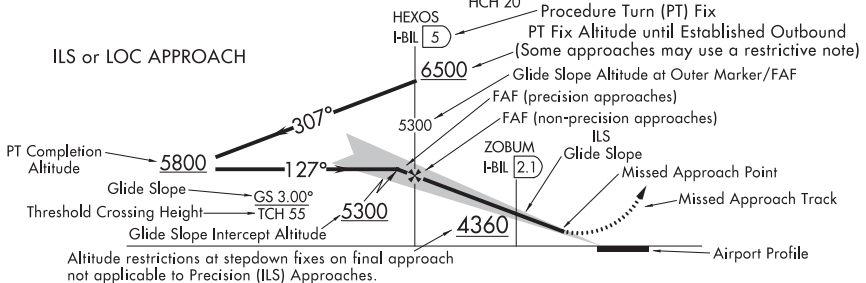
LEGEND 21112

PROFILE VIEW

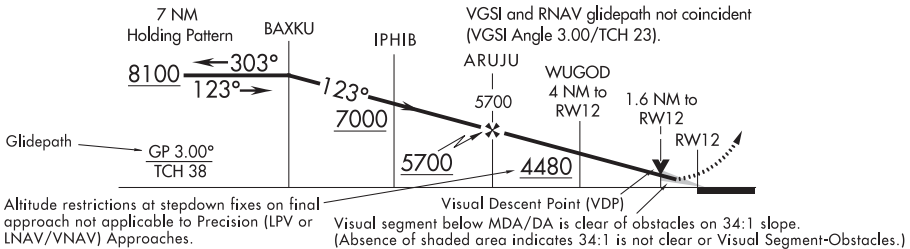
Three different methods are used to depict either electronic or vertical guidance: "GS", "GP", or "VDA".  
 1. "GS" indicates that an Instrument Landing System (ILS) electronic glide slope (a ground antenna) provides vertical guidance. The profile section of ILS procedures depict a GS angle and TCH in the following format:  $\frac{GS\ 3.00^\circ}{TCH\ 55}$ .

2. "GP" on GLS and RNAV procedures indicates that either electronic vertical guidance (via Wide Area Augmentation System - WAAS or Ground Based Augmentation System - GBAS) or barometric vertical guidance is provided. GLS and RNAV procedures with a published decision altitude (DA/H) depict a GP angle and TCH in the following format:  $\frac{GP\ 3.00^\circ}{TCH\ 50}$ .

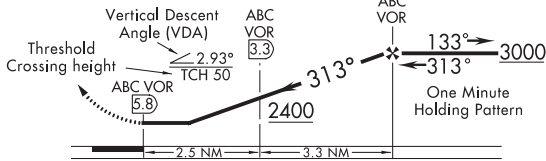
3. An advisory vertical descent angle (VDA) is provided on non-vertically guided conventional procedures and RNAV procedures with only a minimum descent altitude (MDA) to assist in preventing controlled flight into terrain. On Civil (FAA) procedures, this information is placed above or below the procedure track following the fix it is based on. Absence of a VDA or a note that the VDA is not authorized indicates that the prescribed obstacle clearance surface is not clear and the VDA must not be used below MDA. VDA is depicted in the following format:  $\frac{\angle\ 3.00^\circ}{TCH\ 55}$ . On Copter procedures this is depicted in the following format:  $\frac{\angle\ 7.30^\circ}{HCH\ 20}$ .



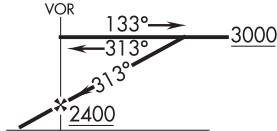
RNAV and GLS PROCEDURES WITH VERTICAL GUIDANCE



NON-VERTICALLY GUIDED CONVENTIONAL PROCEDURES AND RNAV PROCEDURES WITH MDA ONLY



DESCENT FROM HOLDING PATTERN



ALTITUDES	
5500	Mandatory Altitude
2500	Minimum Altitude
4300	Maximum Altitude
3000	Recommended Altitude
5000	Mandatory Block Altitude
3000	Mandatory Block Altitude

PROFILE SYMBOLS	
$\frac{\angle\ 3.00^\circ}{TCH\ 55}$	Glide Slope/Glidepath Intercept Altitude and final approach fix for vertically guided approach procedures.
$\nabla$	Visual Descent Point (VDP)
$\text{---}$	Visual Flight Path
$\text{---}$	Note: Facilities and waypoints are depicted as a solid vertical line while fixes and intersections are depicted as a dashed vertical line.

# LEGEND

## STANDARD TERMINAL ARRIVAL (STAR) CHARTS DEPARTURE PROCEDURE (DP) CHARTS

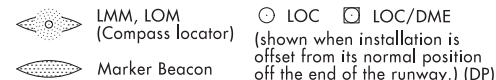
Applies to both STAR and DP Charts unless otherwise noted.

### RADIO AIDS TO NAVIGATION

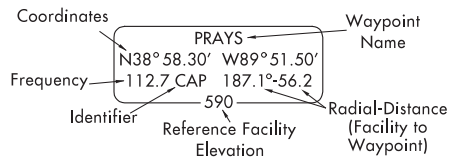
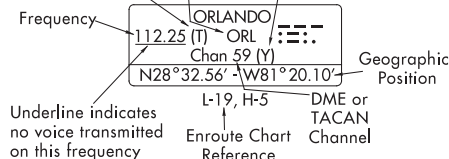
Compulsory:



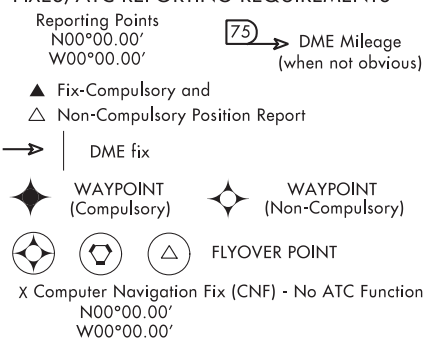
Non-Compulsory:



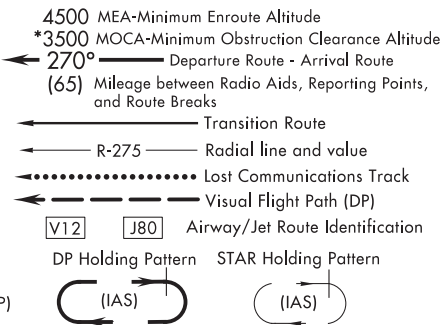
(T) indicates frequency protection range (STAR) Identifier (Y) TACAN must be placed in "Y" mode to receive distance information



### FIXES/ATC REPORTING REQUIREMENTS

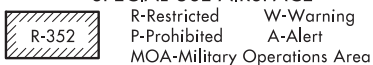


### ROUTES

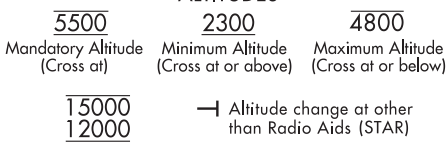


Holding pattern with max. restricted airspeed (175K) applies to all altitudes (210K) applies to altitudes above 6000' to and including 14000'

### SPECIAL USE AIRSPACE



### ALTITUDES



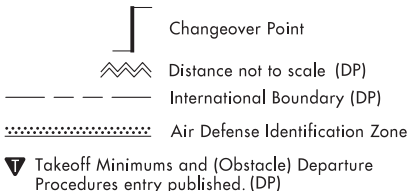
### INDICATED AIRSPEED



### AIRPORTS



### MISCELLANEOUS



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19339

LEGEND

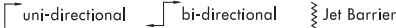
INSTRUMENT APPROACH PROCEDURES (CHARTS)

AIRPORT DIAGRAM/AIRPORT SKETCH

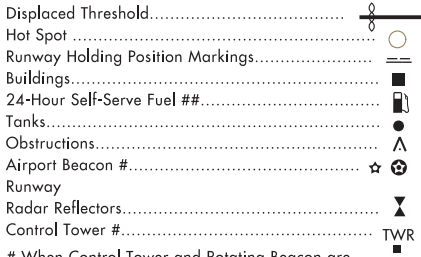
Runways



ARRESTING GEAR: Specific arresting gear systems; e.g., BAK12, MA-1A etc., shown on airport diagrams, not applicable to Civil Pilots. Military Pilots refer to appropriate DOD publications.



ARRESTING SYSTEM (EMAS)  
REFERENCE FEATURES



# When Control Tower and Rotating Beacon are co-located, Beacon symbol will be used and further identified as TWR.  
## A fuel symbol is shown to indicate 24-hour self-serve fuel available, see appropriate Chart Supplement for information.

NOTE:  
All new and revised airport diagrams are shown referenced to the World Geodetic System (WGS) (noted on appropriate diagram), and may not be compatible with local coordinates published in FIP. (Foreign Only)

Runway Weight Bearing Capacity/or PCN Pavement Classification Number is shown as a codified expression. Refer to the appropriate Supplement/Directory for applicable codes e.g., RWY 14-32 PCN 80 F/D/X/U S-75, D-185, 2S-175, 2D-325

Helicopter Alighting Areas Negative Symbols used to identify Copter Procedures landing point.....

NOTE:  
Landmark features depicted on Copter Approach insets and sketches are provided for visual reference only.

Runway TDZ elevation.....TDZE 123  
Runway Slope.....0.3% DOWN  
Runway Slope.....0.8% UP  
(shown when runway slope is greater than or equal to 0.3%)

NOTE:  
Runway Slope measured to midpoint on runways 8000 feet or longer.  
 U.S. Navy Optical Landing System (OLS) "OLS" location is shown because of its height of approximately 7 feet and proximity to edge of runway may create an obstruction for some types of aircraft.

Approach light symbols are shown in the Flight Information Handbook.

Airport diagram scales are variable.

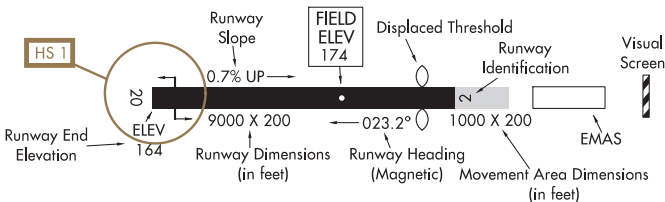
True/magnetic North orientation may vary from diagram to diagram

Coordinate values are shown in 1 or 1/2 minute increments. They are further broken down into 6 second ticks, within each 1 minute increments.

Positional accuracy within ±600 feet unless otherwise noted on the chart.

Runway length depicted is the physical length of the runway (end-to-end, including displaced thresholds if any) but excluding areas designated as stopways.

A symbol is shown to indicate runway declared distance information available, see appropriate Chart Supplement for distance information.



SCOPE

Airport diagrams are specifically designed to assist in the movement of ground traffic at locations with complex runway/taxiway configurations. Airport diagrams are not intended to be used for approach and landing or departure operations. For revisions to Airport Diagrams: Consult FAA Order 7910.4.

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LEGEND

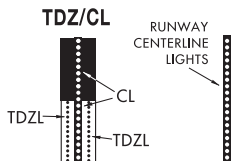
**LEGEND** 15344

INSTRUMENT APPROACH PROCEDURES (CHARTS)  
**APPROACH LIGHTING SYSTEM - UNITED STATES**

Approach lighting and visual glide slope systems are indicated on the airport sketch by an identifier, e.g., (A2), (V), etc.

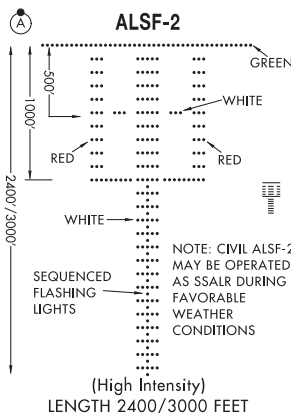
A dot "●" portrayed with approach lighting letter identifier indicates sequenced flashing lights (F) installed with the approach lighting system e.g., (A1). Negative symbology, e.g., (A1) with a dot, indicates Pilot Controlled Lighting (PCL).

**RUNWAY TOUCHDOWN ZONE AND CENTERLINE LIGHTING SYSTEMS**

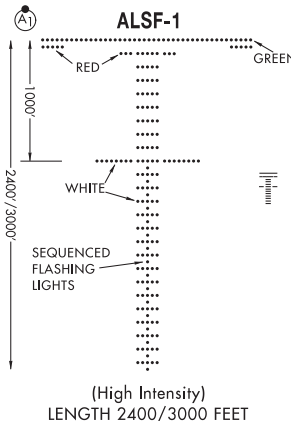


AVAILABILITY of TDZ/CL will be shown by NOTE in SKETCH e.g. "TDZ/CL Rwy 15"

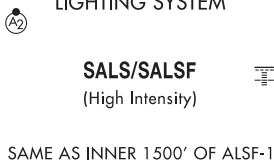
**APPROACH LIGHTING SYSTEM**



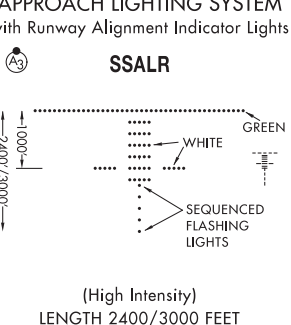
**APPROACH LIGHTING SYSTEM**



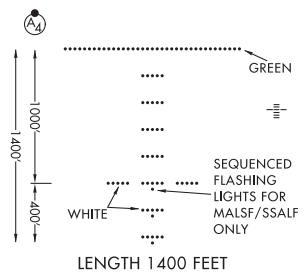
**SHORT APPROACH LIGHTING SYSTEM**



**SIMPLIFIED SHORT APPROACH LIGHTING SYSTEM**  
 with Runway Alignment Indicator Lights



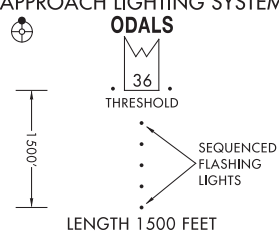
**MEDIUM INTENSITY (MALS and MALSF) OR SIMPLIFIED SHORT (SSALS and SSALF) APPROACH LIGHTING SYSTEMS**



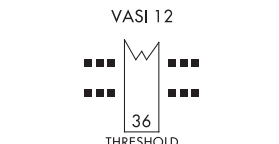
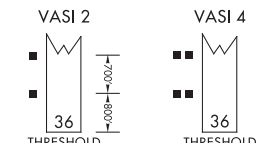
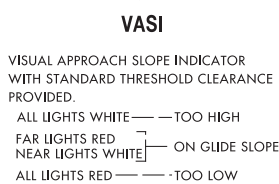
**MEDIUM INTENSITY APPROACH LIGHTING SYSTEM**  
 with Runway Alignment Indicator Lights



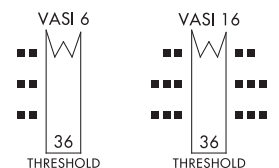
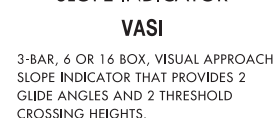
**OMNIDIRECTIONAL APPROACH LIGHTING SYSTEM**



**VISUAL APPROACH SLOPE INDICATOR**



**VISUAL APPROACH SLOPE INDICATOR**



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**LEGEND** 15344

**LEGEND** 18256

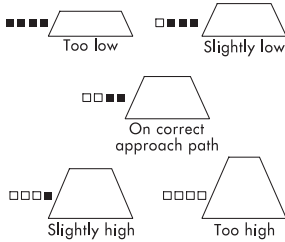
INSTRUMENT APPROACH PROCEDURES (CHARTS)  
**APPROACH LIGHTING SYSTEM - UNITED STATES**

Approach lighting and visual glide slope systems are indicated on the airport sketch by an identifier, (A<sub>2</sub>), (V) etc.

A dot "•" portrayed with approach lighting letter identifier indicates sequenced flashing lights (F) installed with the approach lighting system e.g., (A<sub>1</sub>F). Negative symbology, e.g., (A<sub>1</sub>), (V) indicates Pilot Controlled Lighting (PCL).

(P) **PRECISION APPROACH PATH INDICATOR**

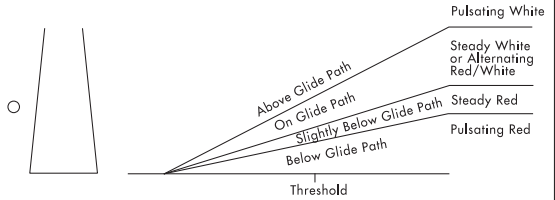
**PAPI**



Legend: □ White ■ Red

(V<sub>2</sub>) **PULSATING VISUAL APPROACH SLOPE INDICATOR**

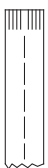
**PVASI**



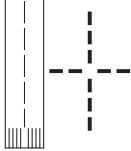
**CAUTION:** When viewing the pulsating visual approach slope indicators in the pulsating white or pulsating red sectors, it is possible to mistake this lighting aid for another aircraft or a ground vehicle. Pilots should exercise caution when using this type of system.

(V<sub>1</sub>) **"T"-VISUAL APPROACH SLOPE INDICATOR**

**"T"-VASI**

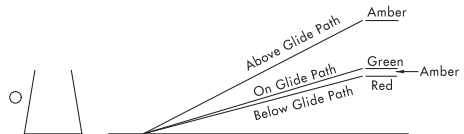


"T" ON BOTH SIDES OF RWY  
 ALL LIGHTS VARIABLE WHITE.  
 CORRECT APPROACH SLOPE-  
 ONLY CROSS BAR VISIBLE.  
 UPRIGHT "T"- FLY UP.  
 INVERTED "T"- FLY DOWN.  
 RED "T"- GROSS  
 UNDERSHOOT.



(V<sub>4</sub>) **TRI-COLOR VISUAL APPROACH SLOPE INDICATOR**

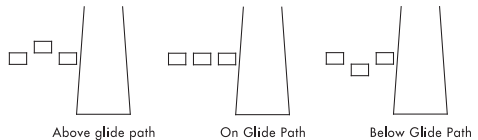
**TRCV**



**CAUTION:** When the aircraft descends from green to red, the pilot may see a dark amber color during the transition from green to red.

(V<sub>5</sub>) **ALIGNMENT OF ELEMENTS SYSTEMS**

**APAP**



Painted panels which may be lighted at night.  
 To use the system the pilot positions the aircraft  
 so the elements are in alignment.

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**LEGEND** 18256



## FREQUENCY PAIRING TABLE

TACAN CHANNEL	VHF FREQUENCY	TACAN CHANNEL	VHF FREQUENCY	TACAN CHANNEL	VHF FREQUENCY
17Y	108.05	40X	110.30	88Y	114.15
18X	108.10	40Y	110.35	89Y	114.25
18Y	108.15	41Y	110.45	90Y	114.35
19Y	108.25	42X	110.50	91Y	114.45
20X	108.30	42Y	110.55	92Y	114.55
20Y	108.35	43Y	110.65	93Y	114.65
21Y	108.45	44X	110.70	94Y	114.75
22X	108.50	44Y	110.75	95Y	114.85
22Y	108.55	45Y	110.85	96Y	114.95
23Y	108.65	46X	110.90	97Y	115.05
24X	108.70	46Y	110.95	98Y	115.15
24Y	108.75	47Y	111.05	99Y	115.25
25Y	108.85	48X	111.10	100Y	115.35
26X	108.90	48Y	111.15	101Y	115.45
26Y	108.95	49Y	111.25	102Y	115.55
27Y	109.05	50X	111.30	103Y	115.65
28X	109.10	50Y	111.35	104Y	115.75
28Y	109.15	51Y	111.45	105Y	115.85
29Y	109.25	52X	111.50	106Y	115.95
30X	109.30	52Y	111.55	107Y	116.05
30Y	109.35	53Y	111.65	108Y	116.15
31Y	109.45	54X	111.70	109Y	116.25
32X	109.50	54Y	111.75	110Y	116.35
32Y	109.55	55Y	111.85	111Y	116.45
33Y	109.65	56X	111.90	112Y	116.55
34X	109.70	56Y	111.95	113Y	116.65
34Y	109.75	80Y	113.35	114Y	116.75
35Y	109.85	81Y	113.45	115Y	116.85
36X	109.90	82Y	113.55	116Y	116.95
36Y	109.95	83Y	113.65	117Y	117.05
37Y	110.05	84Y	113.75	118Y	117.15
38X	110.10	85Y	113.85	119Y	117.25
38Y	110.15	86Y	113.95		
39Y	110.25	87Y	114.05		

See the Chart Supplement for a complete listing.

INDEX OF TERMINAL CHARTS AND MINIMUMS

NAME	PROC	SECT PG	NAME	PROC	SECT PG
------	------	---------	------	------	---------

**ADA, OK**

<b>ADA RGNL(ADH)</b>		
TAKEOFF MINIMUMS .....	L	
ALTERNATE MINIMUMS .....	M	
IAPS .....	RNAV (GPS) RWY 18	1
	RNAV (GPS) RWY 36	2

**ALMYRA, AR**

<b>ALMYRA MUNI(M73)</b>		
TAKEOFF MINIMUMS .....	L	
IAPS .....	RNAV (GPS) RWY 36	3

**ALTUS, OK**

<b>ALTUS/QUARTZ MOUNTAIN RGNL(AXS)</b>		
TAKEOFF MINIMUMS .....	L	
ALTERNATE MINIMUMS .....	M	
IAPS .....	RNAV (GPS) RWY 17	4
	RNAV (GPS) RWY 35	5
	VOR-A	6

**ALTUS AFB(KLTS)**

<b>ALTUS, OK</b>		
TAKEOFF MINIMUMS .....	L	
IAPS .....	ILS OR LOC RWY 17L	7
	ILS OR LOC RWY 35R	8
	ILS Z OR LOC RWY 17R	9
	ILS Z OR LOC RWY 35L	10
	ILS OR RNAV (GPS) Y RWY 17R	11
	ILS OR RNAV (GPS) Y RWY 35L	12
	RNAV (RNP) X RWY 17R	13
	RNAV (RNP) X RWY 35L	14
	RNAV (RNP) Y RWY 17L	15
	RNAV (RNP) Y RWY 35R	16
	RNAV (GPS) Z RWY 17L	17
	RNAV (GPS) Z RWY 17R	18
	RNAV (GPS) Z RWY 35L	19
	RNAV (GPS) Z RWY 35R	20
	RNAV (GPS)-A	21
	RNAV (GPS)-B	22
	VOR OR TACAN RWY 17L	23
	VOR OR TACAN RWY 17R	24
	VOR OR TACAN RWY 35L	25
	VOR OR TACAN RWY 35R	26
	VOR OR TACAN-C	27
	VOR OR TACAN-D	28
AIRPORT DIAGRAM .....		29
DPS .....	OKKIE TWO (RNAV)	30
	ROCKN TWO (RNAV)	31

**ALTUS/QUARTZ MOUNTAIN RGNL**

---SEE ALTUS, OK

**ALVA, OK**

<b>ALVA RGNL(AVK)</b>		
TAKEOFF MINIMUMS .....	L	
ALTERNATE MINIMUMS .....	M	
IAPS .....	RNAV (GPS) RWY 18	32
	RNAV (GPS) RWY 36	33

**ANTLERS, OK**

<b>ANTLERS MUNI(80F)</b>		
TAKEOFF MINIMUMS .....	L	
IAPS .....	RNAV (GPS) RWY 35	34

**ARDMORE, OK**

<b>ARDMORE DOWNTOWN EXECUTIVE(1F0)</b>		
TAKEOFF MINIMUMS .....	L	
ALTERNATE MINIMUMS .....	M	
IAPS .....	RNAV (GPS) RWY 17	35
	RNAV (GPS) RWY 35	36

**ARDMORE MUNI(ADM)**

TAKEOFF MINIMUMS .....	L	
ALTERNATE MINIMUMS .....	M	
IAPS .....	ILS OR LOC RWY 31	37
	RNAV (GPS) RWY 13	38
	RNAV (GPS) RWY 31	39
	VOR-B	40
AIRPORT DIAGRAM .....		41

**ARKADELPHIA, AR**

<b>DEXTER B FLORENCE MEMORIAL FIELD(ADF)</b>		
TAKEOFF MINIMUMS .....	L	
IAPS .....	RNAV (GPS) RWY 04	42
	RNAV (GPS) RWY 22	43

**ARKANSAS INTL**

---SEE BLYTHEVILLE, AR

**ASH FLAT, AR**

<b>SHARP COUNTY RGNL(CVK)</b>		
TAKEOFF MINIMUMS .....	L	
IAPS .....	RNAV (GPS) RWY 04	44
	RNAV (GPS) RWY 22	45

**AUGUSTA, AR**

<b>WOODRUFF COUNTY(M60)</b>		
TAKEOFF MINIMUMS .....	L	
IAPS .....	RNAV (GPS)-A	46

**BARTLESVILLE, OK**

<b>BARTLESVILLE MUNI(BVO)</b>		
TAKEOFF MINIMUMS .....	L	
ALTERNATE MINIMUMS .....	M	
IAPS .....	RNAV (GPS) RWY 17	47
	RNAV (GPS) RWY 35	48
	LOC RWY 17	49
	VOR/DME RWY 35	50

**BATESVILLE, AR**

<b>BATESVILLE RGNL(BVX)</b>		
TAKEOFF MINIMUMS .....	L	
ALTERNATE MINIMUMS .....	M	
IAPS .....	RNAV (GPS) RWY 08	51
	RNAV (GPS) RWY 26	52
	LOC RWY 08	53

**BAXTER COUNTY**

---SEE MOUNTAIN HOME, AR

**BENTON, AR**

<b>SALINE COUNTY RGNL(SUZ)</b>		
TAKEOFF MINIMUMS .....	L	
IAPS .....	ILS OR LOC/DME RWY 02	54
	RNAV (GPS) RWY 02	55
	RNAV (GPS) RWY 20	56

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**BENTONVILLE, AR**

<b>BENTONVILLE MUNI/LOUISE M THADEN FIELD (VBT)</b>		
TAKEOFF MINIMUMS		L
ALTERNATE MINIMUMS		M
IAPS	RNAV (GPS) RWY 18	57
	RNAV (GPS) RWY 36	58
DPS	BENTON SIX	59

**BERRYVILLE, AR**

<b>CARROLL COUNTY(4M1)</b>		
TAKEOFF MINIMUMS		L
IAPS	RNAV (GPS) RWY 07	60
	RNAV (GPS) RWY 25	61

**BILL AND HILLARY CLINTON NTL/ADAMS FLD**

---SEE LITTLE ROCK, AR

**BILLY FREE MUNI**

---SEE DUMAS, AR

**BLACKWELL, OK**

<b>BLACKWELL-TONKAWA MUNI(BKN)</b>		
TAKEOFF MINIMUMS		L
ALTERNATE MINIMUMS		M
IAPS	RNAV (GPS) RWY 17	62
	RNAV (GPS) RWY 35	63
	VOR-A	64

**BLYTHEVILLE, AR**

<b>ARKANSAS INTL(BYH)</b>		
TAKEOFF MINIMUMS		L
IAPS	ILS OR LOC RWY 18	65
	RNAV (GPS) RWY 18	66
	RNAV (GPS) RWY 36	67

**BLYTHEVILLE MUNI(HKA)**

TAKEOFF MINIMUMS		L
ALTERNATE MINIMUMS		M
IAPS	RNAV (GPS) RWY 18	68
	RNAV (GPS) RWY 36	69

**BOISE CITY, OK**

<b>BOISE CITY(17K)</b>		
TAKEOFF MINIMUMS		L
IAPS	RNAV (GPS) RWY 04	70

**BOONE COUNTY**

---SEE HARRISON, AR

**BRINKLEY, AR**

<b>FRANK FEDERER MEMORIAL(M36)</b>		
TAKEOFF MINIMUMS		L
IAPS	RNAV (GPS) RWY 20	71

**BRISTOW, OK**

<b>JONES MEMORIAL(3F7)</b>		
TAKEOFF MINIMUMS		L
IAPS	RNAV (GPS) RWY 18	72
	RNAV (GPS) RWY 36	73

**BUFFALO, OK**

<b>BUFFALO MUNI(BFK)</b>		
TAKEOFF MINIMUMS		L
IAPS	RNAV (GPS) RWY 17	74

**BURNS FLAT, OK**

<b>CLINTON-SHERMAN(CSM)</b>		
TAKEOFF MINIMUMS		L
ALTERNATE MINIMUMS		M
IAPS	ILS OR LOC RWY 17R	75
	RNAV (GPS) RWY 17R	76
	RNAV (GPS) RWY 35L	77
	VOR RWY 35L	78
AIRPORT DIAGRAM		79

**CAMDEN, AR**

<b>HARRELL FIELD(CDH)</b>		
TAKEOFF MINIMUMS		L
ALTERNATE MINIMUMS		M
IAPS	RNAV (GPS) RWY 01	80
	RNAV (GPS) RWY 19	81

**CARLISLE, AR**

<b>CARLISLE MUNI(4M3)</b>		
TAKEOFF MINIMUMS		L
IAPS	RNAV (GPS) RWY 09	82
	RNAV (GPS) RWY 27	83
	VOR RWY 09	84

**CARROLL COUNTY**

---SEE BERRYVILLE, AR

**CHANDLER, OK**

<b>CHANDLER RGNL(CQB)</b>		
TAKEOFF MINIMUMS		L
ALTERNATE MINIMUMS		M
IAPS	RNAV (GPS) RWY 17	85
	RNAV (GPS) RWY 35	86

**CHICKASHA, OK**

<b>CHICKASHA MUNI(CHK)</b>		
TAKEOFF MINIMUMS		L
STARS	GULLI TWO	27
IAPS	RNAV (GPS) RWY 18	87
	RNAV (GPS) RWY 36	88
	VOR/DME-A	89

**CLAREMORE, OK**

<b>CLAREMORE RGNL(GCM)</b>		
TAKEOFF MINIMUMS		L
IAPS	RNAV (GPS) RWY 18	90
	RNAV (GPS) RWY 36	91
	VOR/DME-B	92

**CLARENCE E PAGE MUNI**

---SEE OKLAHOMA CITY, OK

**CLARKSVILLE, AR**

<b>CLARKSVILLE MUNI(H35)</b>		
TAKEOFF MINIMUMS		L
IAPS	RNAV (GPS) RWY 09	93
	RNAV (GPS) RWY 27	94

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<b>CLINTON MUNI(CCA)</b>			<b>J LYNN HELMS SEVIER COUNTY(DEQ)</b>		
TAKEOFF MINIMUMS .....	L		TAKEOFF MINIMUMS .....	L	
IAPS ..... RNAV (GPS) RWY 31 .....		95	ALTERNATE MINIMUMS .....	M	
<b>HOLLEY MOUNTAIN AIRPARK(2A2)</b>			IAPS ..... RNAV (GPS) RWY 08 .....		112
TAKEOFF MINIMUMS .....	L		<b>DECATUR, AR</b>		
IAPS ..... RNAV (GPS) RWY 05 .....		96	<b>CRYSTAL LAKE(5M5)</b>		
RNAV (GPS) RWY 23 .....		97	TAKEOFF MINIMUMS .....	L	
<b>CLINTON, OK</b>			IAPS ..... RNAV (GPS) RWY 13 .....		113
<b>CLINTON RGNL(CLK)</b>			<b>DELTA RGNL</b>		
TAKEOFF MINIMUMS .....	L		<b>---SEE COLT, AR</b>		
ALTERNATE MINIMUMS .....	M		<b>DEXTER B FLORENCE MEMORIAL FIELD</b>		
IAPS ..... RNAV (GPS) RWY 17 .....		98	<b>---SEE ARKADELPHIA, AR</b>		
RNAV (GPS) RWY 35 .....		99	<b>DRAKE FLD</b>		
<b>CLINTON-SHERMAN</b>			<b>---SEE FAYETTEVILLE, AR</b>		
<b>---SEE BURNS FLAT, OK</b>			<b>DUMAS, AR</b>		
<b>COLT, AR</b>			<b>BILLY FREE MUNI(0M0)</b>		
<b>DELTA RGNL(DRP)</b>			TAKEOFF MINIMUMS .....	L	
TAKEOFF MINIMUMS .....	L		IAPS ..... RNAV (GPS) RWY 36 .....		114
IAPS ..... RNAV (GPS) RWY 18 .....		100	<b>DUNCAN, OK</b>		
RNAV (GPS) RWY 36 .....		101	<b>HALLIBURTON FIELD(DUC)</b>		
<b>CONWAY, AR</b>			TAKEOFF MINIMUMS .....	L	
<b>CONWAY RGNL(CXW)</b>			IAPS ..... RNAV (GPS) RWY 17 .....		115
TAKEOFF MINIMUMS .....	L		RNAV (GPS) RWY 35 .....		116
IAPS ..... RNAV (GPS) RWY 04 .....		102	<b>DURANT, OK</b>		
RNAV (GPS) RWY 22 .....		103	<b>DURANT RGNL - EAKER FIELD(DUA)</b>		
<b>CORNING, AR</b>			TAKEOFF MINIMUMS .....	L	
<b>CORNING MUNI(4M9)</b>			ALTERNATE MINIMUMS .....	M	
TAKEOFF MINIMUMS .....	L		IAPS ..... RNAV (GPS) RWY 17 .....		117
IAPS ..... RNAV (GPS) RWY 18 .....		104	RNAV (GPS) RWY 35 .....		118
RNAV (GPS) RWY 36 .....		105	<b>EL DORADO, AR</b>		
<b>CROSSETT, AR</b>			<b>SOUTH ARKANSAS RGNL AT GOODWIN FIELD</b>		
<b>Z M JACK STELL FIELD(CRT)</b>			<b>(ELD)</b>		
TAKEOFF MINIMUMS .....	L		TAKEOFF MINIMUMS .....	L	
IAPS ..... RNAV (GPS) RWY 23 .....		106	IAPS ..... ILS OR LOC RWY 22 .....		119
VOR-A .....		107	RNAV (GPS) RWY 04 .....		120
<b>CRYSTAL LAKE</b>			RNAV (GPS) RWY 22 .....		121
<b>---SEE DECATUR, AR</b>			VOR/DME RWY 04 .....		122
<b>CUSHING, OK</b>			<b>EL RENO, OK</b>		
<b>CUSHING MUNI(CUH)</b>			<b>EL RENO RGNL(RQO)</b>		
TAKEOFF MINIMUMS .....	L		TAKEOFF MINIMUMS .....	L	
ALTERNATE MINIMUMS .....	M		ALTERNATE MINIMUMS .....	M	
IAPS ..... RNAV (GPS) RWY 18 .....		108	STARS ..... GULLI TWO .....		127
RNAV (GPS) RWY 36 .....		109	IAPS ..... RNAV (GPS) RWY 17 .....		123
<b>DANVILLE, AR</b>			RNAV (GPS) RWY 35 .....		124
<b>DANVILLE MUNI(32A)</b>			<b>ELK CITY, OK</b>		
TAKEOFF MINIMUMS .....	L		<b>ELK CITY RGNL BUSINESS(ELK)</b>		
IAPS ..... RNAV (GPS) RWY 11 .....		110	TAKEOFF MINIMUMS .....	L	
RNAV (GPS) RWY 29 .....		111	ALTERNATE MINIMUMS .....	M	
<b>DAVID JAY PERRY</b>			IAPS ..... RNAV (GPS) RWY 17 .....		125
<b>---SEE GOLDSBY, OK</b>			RNAV (GPS) RWY 35 .....		126

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<b>ENID WOODRING RGNL(WDG)</b>			<b>FORT SMITH RGNL(FSM)</b>		
TAKEOFF MINIMUMS		L	TAKEOFF MINIMUMS		L
ALTERNATE MINIMUMS		M	ALTERNATE MINIMUMS		M
IAPS	ILS OR LOC RWY 35	127	RADAR MINIMUMS		N
	RNAV (GPS) RWY 17	128	IAPS	ILS OR LOC RWY 07	149
	RNAV (GPS) RWY 35	129		ILS OR LOC RWY 25	150
	VOR RWY 17	130		RNAV (GPS) RWY 01	151
	VOR RWY 35	131		RNAV (GPS) RWY 07	152
AIRPORT DIAGRAM		132		RNAV (GPS) RWY 25	153
				VOR/DME OR TACAN RWY 07	154
				VOR OR TACAN RWY 25	155
			AIRPORT DIAGRAM		156
<b>ENID, OK</b>			<b>FRANK FEDERER MEMORIAL</b>		
<b>---SEE VANCE AFB</b>			<b>---SEE BRINKLEY, AR</b>		
<b>FAIRVIEW, OK</b>			<b>FREDERICK, OK</b>		
<b>FAIRVIEW MUNI(6K4)</b>			<b>FREDERICK RGNL(FDR)</b>		
TAKEOFF MINIMUMS		L	TAKEOFF MINIMUMS		L
IAPS	RNAV (GPS) RWY 17	133	ALTERNATE MINIMUMS		M
	RNAV (GPS) RWY 35	134	IAPS	RNAV (GPS) RWY 35	157
<b>FAYETTEVILLE, AR</b>			<b>GOLDSBY, OK</b>		
<b>DRAKE FLD(FYV)</b>			<b>DAVID JAY PERRY(1K4)</b>		
TAKEOFF MINIMUMS		L	TAKEOFF MINIMUMS		L
ALTERNATE MINIMUMS		M	STARS	GULLI TWO	Z7
IAPS	RNAV (GPS) RWY 16	135	IAPS	RNAV (GPS) RWY 31	158
	RNAV (GPS) RWY 34	136			
	LOC RWY 16	137			
	LDA RWY 34	138			
AIRPORT DIAGRAM		139			
DPS	RAZORBACK THREE	140	<b>GROVE, OK</b>		
<b>FAYETTEVILLE/SPRINGDALE/ROGERS, AR</b>			<b>GROVE MUNI(GMJ)</b>		
<b>NORTHWEST ARKANSAS NTL(XNA)</b>			TAKEOFF MINIMUMS		L
TAKEOFF MINIMUMS		L	IAPS	RNAV (GPS) RWY 18	159
ALTERNATE MINIMUMS		M		RNAV (GPS) RWY 36	160
IAPS	ILS OR LOC RWY 16	141		VOR/DME-A	161
	ILS OR LOC RWY 34	142	<b>GUTHRIE, OK</b>		
	RNAV (GPS) RWY 16	143	<b>GUTHRIE-EDMOND RGNL(GOK)</b>		
	RNAV (GPS) RWY 34	144	TAKEOFF MINIMUMS		L
AIRPORT DIAGRAM		145	ALTERNATE MINIMUMS		M
DPS	HIGHFILL EIGHT	146	STARS	GULLI TWO	Z7
			IAPS	RNAV (GPS) RWY 16	162
				RNAV (GPS) RWY 34	163
<b>FLIPPIN, AR</b>			<b>GUYMON, OK</b>		
<b>MARION COUNTY RGNL(FLP)</b>			<b>GUYMON MUNI(GUY)</b>		
TAKEOFF MINIMUMS		L	TAKEOFF MINIMUMS		L
ALTERNATE MINIMUMS		M	ALTERNATE MINIMUMS		M
IAPS	RNAV (GPS) RWY 04	147	IAPS	RNAV (GPS) RWY 18	164
	RNAV (GPS) RWY 22	148		RNAV (GPS) RWY 36	165
				NDB RWY 18	166
<b>FORT SILL, OK</b>			<b>HALLIBURTON FIELD</b>		
<b>---SEE HENRY POST AAF</b>			<b>---SEE DUNCAN, OK</b>		
			<b>HARRELL FIELD</b>		
			<b>---SEE CAMDEN, AR</b>		

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<b>BOONE COUNTY(HRO)</b>			<b>HOLLIS MUNI(O35)</b>		
TAKEOFF MINIMUMS		L	TAKEOFF MINIMUMS		L
ALTERNATE MINIMUMS		M	ALTERNATE MINIMUMS		M
IAPS	ILS OR LOC RWY 36	167	IAPS	RNAV (GPS) RWY 18	187
	RNAV (GPS) RWY 18	168		RNAV (GPS) RWY 36	188
	RNAV (GPS) RWY 36	169			
<b>HEBER SPRINGS, AR</b>			<b>HOPE, AR</b>		
<b>HEBER SPRINGS MUNI(HBZ)</b>			<b>HOPE MUNI(M18)</b>		
TAKEOFF MINIMUMS		L	TAKEOFF MINIMUMS		L
IAPS	RNAV (GPS) RWY 06	170	IAPS	RNAV (GPS) RWY 04	189
	RNAV (GPS) RWY 24	171		RNAV (GPS) RWY 16	190
				RNAV (GPS) RWY 22	191
				VOR RWY 04	192
<b>HEFNER-EASLEY</b>			<b>HORSESHOE BEND, AR</b>		
---SEE H68, OK			<b>HORSESHOE BEND(6M2)</b>		
<b>HELENA/WEST HELENA, AR</b>			TAKEOFF MINIMUMS		
<b>THOMPSON-ROBBINS(HEE)</b>			IAPS		
TAKEOFF MINIMUMS		L	RNAV (GPS)-A		
IAPS	RNAV (GPS) RWY 17	172			
	RNAV (GPS) RWY 35	173			
	VOR RWY 35	174			
<b>HENRY POST AAF(KFSI)</b>			<b>HOT SPRINGS, AR</b>		
<b>FORT SILL, OK</b>			<b>MEMORIAL FIELD(HOT)</b>		
TAKEOFF MINIMUMS		L	TAKEOFF MINIMUMS		L
ALTERNATE MINIMUMS		M	ALTERNATE MINIMUMS		M
RADAR MINIMUMS		N	IAPS	ILS OR LOC RWY 05	194
IAPS	RNAV (GPS) RWY 18	175		RNAV (GPS) RWY 05	195
	RNAV (GPS) RWY 36	176		VOR RWY 05	196
	VOR RWY 18	177			
	VOR RWY 36	178			
<b>HENRYETTA, OK</b>			<b>HOWARD COUNTY</b>		
<b>HENRYETTA MUNI(F10)</b>			---SEE NASHVILLE, AR		
TAKEOFF MINIMUMS		L	<b>HUGO, OK</b>		
IAPS	RNAV (GPS) RWY 36	179	<b>STAN STAMPER MUNI(HHW)</b>		
			TAKEOFF MINIMUMS		
			ALTERNATE MINIMUMS		
			IAPS		
			RNAV (GPS) RWY 17		
			RNAV (GPS) RWY 35		
<b>HINTON, OK</b>			<b>HUNTSVILLE, AR</b>		
<b>HINTON MUNI(208)</b>			<b>HUNTSVILLE MUNI(H34)</b>		
TAKEOFF MINIMUMS		L	TAKEOFF MINIMUMS		L
IAPS	RNAV (GPS) RWY 17	180	IAPS	RNAV (GPS) RWY 12	199
	RNAV (GPS) RWY 35	181		RNAV (GPS) RWY 30	200
<b>HOBART, OK</b>			<b>IDABEL, OK</b>		
<b>HOBART RGNL(HBR)</b>			<b>MC CURTAIN COUNTY RGNL(404)</b>		
TAKEOFF MINIMUMS		L	TAKEOFF MINIMUMS		L
ALTERNATE MINIMUMS		M	IAPS	RNAV (GPS) RWY 02	201
IAPS	RNAV (GPS) RWY 17	182		RNAV (GPS) RWY 20	202
	RNAV (GPS) RWY 35	183			
	VOR RWY 35	184			
<b>HOLDENVILLE, OK</b>			<b>J LYNN HELMS SEVIER COUNTY</b>		
<b>HOLDENVILLE MUNI(F99)</b>			---SEE DE QUEEN, AR		
TAKEOFF MINIMUMS		L	<b>JACKSONVILLE, AR</b>		
IAPS	RNAV (GPS) RWY 17	185	---SEE LITTLE ROCK AFB		
	RNAV (GPS) RWY 35	186	<b>JONES MEMORIAL</b>		
			---SEE BRISTOW, OK		
<b>HOLLEY MOUNTAIN AIRPARK</b>					
---SEE CLINTON, AR					

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<b>JONESBORO MUNI(JBR)</b>			<b>JACKSONVILLE, AR</b>		
TAKEOFF MINIMUMS		L	TAKEOFF MINIMUMS		L
ALTERNATE MINIMUMS		M	IAPS	ILS OR LOC RWY 25	231
IAPS	ILS OR LOC RWY 23	203		RNAV (GPS) RWY 25	232
	RNAV (GPS) RWY 05	204		TACAN RWY 07	233
	RNAV (GPS) RWY 23	205		TACAN RWY 25	234
	RNAV (GPS) RWY 31	206	AIRPORT DIAGRAM		235
	VOR RWY 23	207			
<b>KETCHUM, OK</b>			<b>MADILL, OK</b>		
<b>SOUTH GRAND LAKE RGNL(1K8)</b>			<b>MADILL MUNI(1F4)</b>		
TAKEOFF MINIMUMS		L	TAKEOFF MINIMUMS		L
IAPS	RNAV (GPS) RWY 18	208	IAPS	RNAV (GPS) RWY 18	236
	RNAV (GPS) RWY 36	209			
<b>KIRK FIELD</b>			<b>MAGNOLIA, AR</b>		
<b>---SEE PARAGOULD, AR</b>			<b>RALPH C WEISER FIELD(AGO)</b>		
			TAKEOFF MINIMUMS		L
			IAPS	RNAV (GPS) RWY 18	237
				RNAV (GPS) RWY 36	238
<b>LAKE VILLAGE, AR</b>			<b>MALVERN, AR</b>		
<b>LAKE VILLAGE MUNI(M32)</b>			<b>MALVERN MUNI(M78)</b>		
TAKEOFF MINIMUMS		L	TAKEOFF MINIMUMS		L
IAPS	RNAV (GPS) RWY 01	210	IAPS	RNAV (GPS) RWY 22	239
	RNAV (GPS) RWY 19	211			
	VOR-A	212			
<b>LAWTON, OK</b>			<b>MANGUM, OK</b>		
<b>LAWTON-FORT SILL RGNL(LAW)</b>			<b>SCOTT FIELD(2K4)</b>		
TAKEOFF MINIMUMS		L	TAKEOFF MINIMUMS		L
ALTERNATE MINIMUMS		M	IAPS	RNAV (GPS) RWY 17	240
RADAR MINIMUMS		N		RNAV (GPS) RWY 35	241
IAPS	ILS OR LOC RWY 35	213			
	RNAV (GPS) RWY 35	214			
	VOR RWY 35	215			
AIRPORT DIAGRAM		216			
<b>LAWTON-FORT SILL RGNL</b>			<b>MANILA, AR</b>		
<b>---SEE LAWTON, OK</b>			<b>MANILA MUNI(MXA)</b>		
			TAKEOFF MINIMUMS		L
			IAPS	RNAV (GPS) RWY 18	242
				RNAV (GPS) RWY 36	243
<b>LEXINGTON, OK</b>			<b>MARIANNA, AR</b>		
<b>---SEE MULDROW AHP</b>			<b>MARIANNA/LEE COUNTY-STEVE EDWARDS FLD</b>		
			<b>(6M7)</b>		
			TAKEOFF MINIMUMS		L
			IAPS	RNAV (GPS) RWY 18	244
				RNAV (GPS) RWY 36	245
<b>LITTLE ROCK, AR</b>			<b>MARIANNA/LEE COUNTY-STEVE EDWARDS FLD</b>		
<b>BILL AND HILLARY CLINTON NTL/ADAMS FLD</b>			<b>---SEE MARIANNA, AR</b>		
<b>(LIT)</b>			<b>MARION COUNTY RGNL</b>		
TAKEOFF MINIMUMS		L	<b>---SEE FLIPPIN, AR</b>		
ALTERNATE MINIMUMS		M			
HOT SPOT		P			
IAPS	ILS OR LOC RWY 04L	217			
	ILS OR LOC RWY 04R	218			
	ILS OR LOC RWY 22L	219			
	ILS OR LOC RWY 22R	220			
	ILS RWY 22R (SA CAT I)	221			
	ILS RWY 22R (CAT II - III)	222			
	RNAV (GPS) RWY 04L	223			
	RNAV (GPS) RWY 04R	224			
	RNAV (GPS) RWY 18	225			
	RNAV (GPS) RWY 22L	226			
	RNAV (GPS) RWY 22R	227			
	RNAV (GPS) RWY 36	228			
	VOR-A	229			
AIRPORT DIAGRAM		230			
			<b>MARSHALL, AR</b>		
			<b>SEARCY COUNTY(4A5)</b>		
			TAKEOFF MINIMUMS		L
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ALTERNATE MINIMUMS		M	RADAR MINIMUMS		N
IAPS	ILS OR LOC RWY 17	420	STARS	BASTS ONE (RNAV)	Z1
	RNAV (GPS) RWY 17	421		CCASH ONE (RNAV)	Z3
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IAPS	ILS OR LOC RWY 36	426		LOC/DME RWY 31	447
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IAPS	ILS OR LOC RWY 22	433	ALTERNATE MINIMUMS		M
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	ILS OR LOC RWY 35C	475	IAPS	ILS OR LOC RWY 17	506
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	VOR/DME OR TACAN RWY 35L	487	<b>---SEE AUGUSTA, AR</b>		
AIRPORT DIAGRAM		488	<b>WOODWARD, OK</b>		
DPS	JAYHAWKE TWO	489	<b>WEST WOODWARD(WWR)</b>		
	SAPEE ONE (RNAV)	490	TAKEOFF MINIMUMS		L
	VANCE ONE	491	ALTERNATE MINIMUMS		M
			IAPS	RNAV (GPS) RWY 17	509
				RNAV (GPS) RWY 35	510
				VOR/DME-A	511
<b>WAGONER, OK</b>			<b>Z M JACK STELL FIELD</b>		
<b>HEFNER-EASLEY(H68)</b>			<b>---SEE CROSSETT, AR</b>		
TAKEOFF MINIMUMS		L			
IAPS	RNAV (GPS) RWY 18	492			
	RNAV (GPS) RWY 36	493			
<b>WALNUT RIDGE, AR</b>					
<b>WALNUT RIDGE RGNL(ARG)</b>					
TAKEOFF MINIMUMS		L			
ALTERNATE MINIMUMS		M			
IAPS	RNAV (GPS) RWY 04	494			
	RNAV (GPS) RWY 18	495			
	RNAV (GPS) RWY 22	496			
	RNAV (GPS) RWY 36	497			
	LOC RWY 18	498			
<b>WARREN, AR</b>					
<b>WARREN MUNI(3M9)</b>					
TAKEOFF MINIMUMS		L			
IAPS	RNAV (GPS) RWY 03	499			
	RNAV (GPS) RWY 21	500			
	VOR/DME-A	501			
<b>WATONGA, OK</b>					
<b>WATONGA RGNL(JWG)</b>					
TAKEOFF MINIMUMS		L			
IAPS	RNAV (GPS) RWY 17	502			
	VOR/DME-A	503			
<b>WEATHERFORD, OK</b>					
<b>THOMAS P STAFFORD(OJA)</b>					
TAKEOFF MINIMUMS		L			
ALTERNATE MINIMUMS		M			
IAPS	RNAV (GPS) RWY 17	504			
	RNAV (GPS) RWY 35	505			

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# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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INSTRUMENT APPROACH PROCEDURE CHARTS

## IFR TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

Civil Airports and Selected Military Airports

ALL USERS: Airports that have Departure Procedures (DPs) designed specifically to assist pilots in avoiding obstacles during the climb to the minimum enroute altitude, and/or airports that have civil IFR takeoff minimums other than standard, are listed below. Takeoff Minimums and Departure Procedures apply to all runways unless otherwise specified. An entry may also be listed that contains only Takeoff Obstacle Notes. Altitudes, unless otherwise indicated, are minimum altitudes in MSL.

DPs specifically designed for obstacle avoidance are referred to as Obstacle Departure Procedures (ODPs) and are textually described below, or published separately as a graphic procedure. If the ODP is published as a graphic procedure, its name will be listed below, and it can be found in either this volume (civil), or the applicable military volume, as appropriate. Users will recognize graphic obstacle DPs by the term "(OBSTACLE)" included in the procedure title; e.g., TETON TWO (OBSTACLE). If not specifically assigned an ODP, SID, or RADAR vector as part of an IFR clearance, an ODP may be required to be flown for obstacle clearance, even though not specifically stated in the IFR clearance. When doing so in this manner, ATC should be informed when the ODP being used contains a specified route to be flown, restrictions before turning, and/or altitude restrictions.

Some ODPs, which are established solely for obstacle avoidance, require a climb in visual conditions to cross the airport, a fix, or a NAVAID in a specified direction, at or above a specified altitude. These procedures are called Visual Climb Over Airport (VCOA). To ensure safe and efficient operations, the pilot must verbally request approval from ATC to fly the VCOA when requesting their IFR clearance.

At some locations where an ODP has been established, a diverse vector area (DVA) may be created to allow RADAR vectors to be used in lieu of an ODP. DVA information will state that headings will be as assigned by ATC and climb gradients, when applicable, will be published immediately following the specified departure procedure.

Graphic DPs designed by ATC to standardize traffic flows, ensure aircraft separation and enhance capacity are referred to as "Standard Instrument Departures (SIDs)". SIDs also provide obstacle clearance and are published under the appropriate airport section. ATC clearance must be received prior to flying a SID.

CIVIL USERS NOTE: Title 14 Code of Federal Regulations Part 91 prescribes standard takeoff rules and establishes takeoff minimums for certain operators as follows: (1) For aircraft, other than helicopters, having two engines or less – one statute mile visibility. (2) For aircraft having more than two engines – one-half statute mile visibility. (3) For helicopters – one-half statute mile visibility. These standard minima apply in the absence of any different minima listed below.

MILITARY USERS NOTE: Civil (nonstandard) takeoff minima are published below. For military takeoff minima, refer to appropriate service directives.

### ADA, OK

#### ADA RGNL (ADH)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 4A 10SEP20 (20254) (FAA)

##### TAKEOFF MINIMUMS:

**Rwy 13**, 300-1¼ or std. w/min. climb of 270' per NM to 1300.

**Rwy 18**, 300-1½ or std. w/min. climb of 320' per NM to 1300.

##### DEPARTURE PROCEDURE:

**Rwy 18**, climb heading 177° to 1600 before proceeding on course.

##### TAKEOFF OBSTACLE NOTES:

**Rwy 13**, pole, post beginning 122' from DER, 72' right of centerline, up to 4' AGL/982' MSL.

Bush 315' from DER, 43' right of centerline, 988' MSL.

Tower 5476' from DER, 872' left of centerline, 120' AGL/1117' MSL.

Tower 5596' from DER, 1865' left of centerline, 180' AGL/1156' MSL.

**Rwy 18**, trees beginning 32' from DER, 99' right of centerline, up to 1021' MSL.

Tree 82' from DER, 272' left of centerline, 999' MSL.

Trees beginning 150' from DER, 393' left of centerline, up to 1024' MSL.

Trees beginning 196' from DER, 103' right of centerline, up to 1031' MSL.

Tree 367' from DER, 368' left of centerline, 1028' MSL.

Trees beginning 524' from DER, 373' left of centerline, up to 1040' MSL.

Tree 973' from DER, 675' left of centerline, 1041' MSL.

Ant on pole, tank, tower beginning 1017' from DER, 449' left of centerline, up to 1053' MSL.

Trees beginning 1530' from DER, 308' right of centerline, up to 1037' MSL.

Tower 2672' from DER, 675' right of centerline, 106' AGL/1092' MSL.

Tower, pole beginning 1 NM from DER, 1280' right of centerline, up to 165' AGL/1165' MSL.

**Rwy 31**, pole, wsk beginning 15' from DER, 264' left of centerline, up to 25' AGL/1022' MSL.

Pole, ol on amom beginning 1088' from DER, 548' right of centerline, up to 36' AGL/1042' MSL.

Trees beginning 2565' from DER, 988' right of centerline, up to 1083' MSL.

**Rwy 36**, tower, ant beginning 55' from DER, 423' left of centerline, up to 11' AGL/1026' MSL.

Trees beginning 75' from DER, 71' left of centerline, up to 1061' MSL.

Tree 132' from DER, 278' right of centerline, 1020' MSL.

Trees beginning 329' from DER, 267' left of centerline, up to 1065' MSL.

Tree 345' from DER, 267' right of centerline, 1028' MSL.

Tree 551' from DER, 261' right of centerline, 1030' MSL.

Tree 927' from DER, 281' right of centerline, 1040' MSL.

Tree 1011' from DER, 675' right of centerline, 1050' MSL.

# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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**ALMYRA, AR****ALMYRA MUNI (M73)**

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 20OCT11 (11293) (FAA)

TAKEOFF OBSTACLE NOTES:

**Rwy 10**, trees beginning 735' from DER, 561' left of centerline, up to 50' AGL/248' MSL.  
Trees beginning 645' from DER, 208' right of centerline, up to 50' AGL/255' MSL.

**Rwy 18**, trees beginning 1234' from DER, 294' right of centerline, up to 50' AGL/255' MSL.

**Rwy 28**, vehicle on road 142' from DER, 527' from centerline, 15' AGL/220' MSL.

**Rwy 36**, vehicle on road 453' from DER, 41' left of centerline, 15' AGL/220' MSL.

Tree 144' from DER, 487' right of centerline, 50' AGL/259' MSL.

**ALTUS, OK****ALTUS/QUARTZ MOUNTAIN RGNL (AXS)**

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 24SEP09 (09267) (FAA)

TAKEOFF OBSTACLE NOTES:

**Rwy 35**, terrain 51' from DER, 410' right of centerline, 1435' MSL.

Trees beginning 1215' from DER, 765' left of centerline, up to 40' AGL/1470' MSL.

**ALTUS AFB (KLTS)****ALTUS, OK**

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 25APR19 (19115)

TAKEOFF OBSTACLE NOTES:

175' assault strip, aircraft taxiing 88' from DER, 360' left of cntrln, 65' AGL/1425' MSL.

Aircraft taxiing between 1040' and 2318' from DER, 715' left of cntrln, 65' AGL/1424' MSL.

**ALVA, OK****ALVA RGNL (AVK)**

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 20AUG15 (15232) (FAA)

TAKEOFF OBSTACLE NOTES:

**Rwy 18**, sign 24' from DER, 252' left of centerline, 3' AGL/1471' MSL.

**Rwy 36**, building 2523' from DER, 327' left of centerline, 74' AGL/1549' MSL.

**ANTLERS, OK****ANTLERS MUNI (80F)**

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 30JAN20 (20030) (FAA)

TAKEOFF OBSTACLE NOTES:

**Rwy 17**, vehicles on road, terrain beginning 6' from DER, 143' left of centerline, up to 579' MSL.

Tree 16' from DER, 498' left of centerline, 49' AGL/610' MSL.

Tree 48' from DER, 352' right of centerline, 62' AGL/612' MSL.

Trees, electrical system beginning 53' from DER, 318' right of centerline, up to 615' MSL.

Tree 67' from DER, 473' left of centerline, 618' MSL.

Trees, vehicles on road beginning 96' from DER, 286' left of centerline, up to 67' AGL/624' MSL.

Trees beginning 325' from DER, 201' right of centerline, up to 88' AGL/623' MSL.

**Rwy 35**, vehicles on road, terrain beginning 4' from DER, 197' right of centerline, up to 586' MSL.

Trees, vehicles on road beginning 49' from DER, 262' left of centerline, up to 22' AGL/589' MSL.

Trees beginning 70' from DER, 324' right of centerline, up to 51' AGL/627' MSL.

Trees beginning 147' from DER, 318' right of centerline, up to 52' AGL/630' MSL.

Tree, building beginning 223' from DER, 401' left of centerline, up to 25' AGL/591' MSL.

Electrical system 321' from DER, 372' left of centerline, 31' AGL/595' MSL.

Trees beginning 362' from DER, 419' right of centerline, up to 60' AGL/639' MSL.

Tree 390' from DER, 327' left of centerline, 36' AGL/596' MSL.

Trees, vehicles on road, electrical system beginning 401' from DER, 35' right of centerline, up to 65' AGL/640' MSL.

Trees, pole, electrical system beginning 405' from DER, 315' left of centerline, up to 45' AGL/606' MSL.

Tree 495' from DER, 224' left of centerline, 63' AGL/618' MSL.

Trees beginning 495' from DER, 259' left of centerline, up to 623' MSL.

Trees beginning 563' from DER, 25' left of centerline, up to 89' AGL/642' MSL.

Trees beginning 1168' from DER, 8' right of centerline, up to 69' AGL/642' MSL.

Trees beginning 2057' from DER, 122' right of centerline, up to 73' AGL/646' MSL.

Tree 2466' from DER, 246' right of centerline, 74' AGL/650' MSL.

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# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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## ARDMORE, OK

### ARDMORE DOWNTOWN EXECUTIVE (1F0)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3 10MAR11 (11069) (FAA)

##### TAKEOFF MINIMUMS:

**Rwy 35**, 300-1¼ or std. w/min. climb of 344' per NM to 1200.

##### TAKEOFF OBSTACLE NOTES:

**Rwy 17**, ground abeam DER, 110' right of centerline, up to 858' MSL.

Vehicles 535' from DER, 288' right of centerline, up to 15' AGL/863' MSL.

Pole 467' from DER, 366' right of centerline, 29' AGL/886' MSL.

Trees beginning 239' from DER, 180' right of centerline, up to 40' AGL/880' MSL.

Trees beginning 25' from DER, 449' left of centerline, up to 40' AGL/880' MSL.

Vehicles 658' from DER, 311' left of centerline, up to 15' AGL/862' MSL.

**Rwy 35**, trees beginning 256' from DER, 358' right of centerline, up to 52' AGL/938' MSL.

Pole 671' from DER, 261' right of centerline, 28' AGL/862' MSL.

Trees beginning 82' from DER, 318' left of centerline, up to 78' AGL/942' MSL.

Pole 332' from DER, 198' left of centerline, 11' AGL/855' MSL.

Antenna 496' from DER, 243' left of centerline, 44' AGL/894' MSL.

Hopper 5781' from DER, 1444' left of centerline, 214' AGL/1091' MSL.

## ARDMORE MUNI (ADM)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 20OCT11 (11293) (FAA)

##### TAKEOFF MINIMUMS:

**Rwy 13**, 300-1 or std. w/min. climb of 330' per NM to 1000.

**Rwy 31**, std. w/min. climb of 330' per NM to 1200.

**Rwy 35**, 400-2½ or std. w/min. climb of 250' per NM to 1300.

##### DEPARTURE PROCEDURE:

**Rwy 35**, climb heading 354° to 1400 before proceeding on course.

##### TAKEOFF OBSTACLE NOTES:

**Rwy 13**, vehicles on road beginning 570' from DER, 626' right of centerline, up to 15' AGL/744' MSL.

Trees beginning 764' from DER, 611' right of centerline, up to 75' AGL/786' MSL.

Trees beginning 810' from DER, 566' left of centerline, up to 66' AGL/776' MSL.

Trees beginning 3342' from DER, 876' left of centerline, up to 100' AGL/899' MSL.

**Rwy 17**, tree 536' from DER, 359' right of centerline, 28' AGL/748' MSL.

Trees beginning 1701' from DER, left and right of centerline, up to 100' AGL/819' MSL.

**Rwy 31**, tree 292' from DER, 192' right of centerline, 72' AGL/862' MSL.

Vehicles on road beginning 1281' from DER, left and right of centerline, up to 15' AGL/842' MSL.

Trees beginning 1662' from DER, left and right of centerline, up to 67' AGL/890' MSL.

Trees beginning 1.07 NM from DER, 612' right of centerline, up to 42' AGL/1028' MSL.

Rising terrain beginning 3.22 NM from DER, left and right of centerline, up to 1199' MSL.

**Rwy 35**, tree 336' from DER, 523' right of centerline, 32' AGL/782' MSL.

Trees beginning 1554' from DER, left and right of centerline, up to 70' AGL/838' MSL.

Trees beginning 1.72 NM from DER, 242' right of centerline, up to 38' AGL/1118' MSL.

## ARKADELPHIA, AR

### DEXTER B. FLORENCE MEMORIAL FIELD (ADF)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3 13NOV14 (14317) (FAA)

##### TAKEOFF MINIMUMS:

**Rwy 4**, 300-1¼ or std. w/min. climb of 237' per NM to 400, or alternatively, with standard takeoff minimums and a normal 200' per NM climb gradient, takeoff must occur no later than 1900' prior to DER.

##### TAKEOFF OBSTACLE NOTES:

**Rwy 4**, trees abeam DER, 471' left of centerline, up to 42' AGL/241' MSL.

Buildings, fences, and vehicles in parking lots 8' from DER, 273' left of centerline, up to 19' AGL/201' MSL.

Trees beginning 14' from DER, 257' right of centerline, up to 68' AGL/269' MSL.

Sign and lights beginning 23' from DER, left and right of centerline, up to 3' AGL/183' MSL.

Trees 1001' from DER, 10' left of centerline, up to 69' AGL/268' MSL.

Trees beginning 1032' from DER, 3' right of centerline, up to 64' AGL/263' MSL.

Trees 2018' from DER, 8' left of centerline, up to 68' AGL/267' MSL.

Trees beginning 2018' from DER, 93' right of centerline, up to 74' AGL/293' MSL.

Building 5532' from DER, 1298' left of centerline, 104' AGL/346' MSL.

**Rwy 22**, lights beginning 38' from DER, 110' right of centerline, up to 2' AGL/182' MSL.

Railroad beginning 401' from DER, 578' right of centerline, up to 23' AGL/210' MSL.

Trees beginning 1810' from DER, 368' right of centerline, up to 74' AGL/275' MSL.

# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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## ASH FLAT, AR

### SHARP COUNTY RGNL (CVK)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 05JUL07 (07186) (FAA)

#### TAKEOFF OBSTACLE NOTES:

**Rwy 4**, numerous trees beginning 1151' from DER, 576' right of centerline, up to 100' AGL/839' MSL.

**Rwy 22**, numerous trees beginning 548' from DER, 83' left of centerline, up to 100' AGL/759' MSL.

## AUGUSTA, AR

### WOODRUFF COUNTY (M60)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 07DEC17 (17341) (FAA)

#### TAKEOFF OBSTACLE NOTES:

**Rwy 9**, trees beginning 714' from DER, 686' right of centerline, up to 324' MSL/125' AGL.

Trees beginning 915' from DER, 230' right of centerline, up to 324' MSL/125' AGL.

Trees beginning 1094' from DER, 348' left of centerline, up to 324' MSL/125' AGL.

**Rwy 27**, vehicle on road 285' from DER, crossing centerline, 214' MSL/15' AGL.

## BARTLESVILLE, OK

### BARTLESVILLE MUNI (BVO)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG-A 30JAN20 (20030) (FAA)

#### TAKEOFF MINIMUMS:

**Rwy 17**, 200-1 or std. w/min. climb of 257' per NM to 1000, or alternatively, with std. takeoff minimums and normal 200' per NM climb gradient, takeoff must occur no later than 2200' prior to DER.

**Rwy 35**, 400-2/4 or std. w/min. climb of 300' per NM to 1200.

#### TAKEOFF OBSTACLE NOTES:

**Rwy 17**, fence beginning 122' from DER, 464' right of centerline, up to 9' AGL/723' MSL.

Vehicles on road 209' from DER, 500' right of centerline, 731' MSL.

Tree 217' from DER, 542' right of centerline, 24' AGL/740' MSL.

Tree, fence, vehicles on road, pole beginning 250' from DER, 168' right of centerline, up to 34' AGL/749' MSL.

Tree 1202' from DER, 813' right of centerline, 47' AGL/753' MSL.

Tree 1254' from DER, 496' right of centerline, 55' AGL/761' MSL.

Trees beginning 1410' from DER, 749' right of centerline, up to 67' AGL/769' MSL.

Trees beginning 1664' from DER, 440' right of centerline, up to 70' AGL/771' MSL.

Trees beginning 1706' from DER, 42' left of centerline, up to 68' AGL/770' MSL.

Tree 1865' from DER, 409' left of centerline, 81' AGL/780' MSL.

**Rwy 35**, fence 2' from DER, 385' left of centerline, 10' AGL/686' MSL.

NAVAID, fence, wall beginning 10' from DER, 4' left of centerline, up to 3' AGL/687' MSL.

NAVAID beginning 10' from DER, 5' right of centerline, up to 2' AGL/686' MSL.

Trees beginning 45' from DER, 458' left of centerline, up to 43' AGL/704' MSL.

Trees beginning 140' from DER, 507' left of centerline, up to 82' AGL/745' MSL.

Trees beginning 1357' from DER, 281' left of centerline, up to 71' AGL/758' MSL.

Tree 2927' from DER, 1041' right of centerline, 59' AGL/767' MSL.

Tree 3410' from DER, 951' right of centerline, 81' AGL/794' MSL.

Trees beginning 1.1 NM from DER, 212' right of centerline, up to 20' AGL/881' MSL.

Tree, pole beginning 1.1 NM from DER, 182' right of centerline, up to 34' AGL/894' MSL.

Trees beginning 1.1 NM from DER, 148' right of centerline, up to 37' AGL/900' MSL.

Tree, pole beginning 1.1 NM from DER, 175' right of centerline, up to 45' AGL/903' MSL.

Trees beginning 1.3 NM from DER, 2313' right of centerline, up to 40' AGL/904' MSL.

Vehicles on road, trees beginning 1.3 NM from DER, 2587' right of centerline, up to 905' MSL.

Vehicles on road, trees beginning 1.3 NM from DER, 2336' right of centerline, up to 910' MSL.

Terrain, trees beginning 1.4 NM from DER, 2399' right of centerline, up to 931' MSL.

Tree 1.4 NM from DER, 2593' right of centerline, 21' AGL/936' MSL.

Tree, vehicles on road beginning 1.4 NM from DER, 1426' right of centerline, up to 33' AGL/974' MSL.

Tree 1.8 NM from DER, 1678' right of centerline, 28' AGL/973' MSL.

## BATESVILLE, AR

### BATESVILLE RGNL (BVX)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3B 21MAY20 (20142) (FAA)

#### TAKEOFF MINIMUMS:

**Rwy 8**, 300-1/4 or std. w/min. climb of 215' per NM to 800, or alternatively, with std. takeoff minimums and a normal 200' per NM climb gradient, takeoff must occur no later than 1600' prior to DER.

**Rwy 26**, std. w/min. climb of 272' per NM to 2000, or 1100-2/4 for VCOA.

#### DEPARTURE PROCEDURE:

**Rwy 18**, climb on heading 180° to 1300 before turning right.

#### VCOA:

**Rwy 26**, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Batesville RGNL Airport at or above 1400 before proceeding on course.

#### CON'T

# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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**TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND**

  
**DIVERSE VECTOR AREA (RADAR VECTORS)**

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**BATESVILLE, AR (CON'T)**  
**BATESVILLE RGNL (BVX) (CON'T)**

## TAKEOFF OBSTACLE NOTES:

**Rwy 8**, pole 204' from DER, 515' left of centerline, 24' AGL/483' MSL.  
 Tower 1023' from DER, 657' right of centerline, 54' AGL/524' MSL.  
 Pole 1091' from DER, 393' left of centerline, 34' AGL/495' MSL.  
 Pole 1136' from DER, 434' left of centerline, 37' AGL/497' MSL.  
 Trees beginning 1233' from DER, 632' right of centerline, up to 526' MSL.  
 Trees beginning 1359' from DER, 22' right of centerline, up to 527' MSL.  
 Trees beginning 1412' from DER, 465' left of centerline, up to 513' MSL.  
 Trees beginning 1554' from DER, 575' right of centerline, up to 542' MSL.  
 Trees beginning 1886' from DER, 89' right of centerline, up to 547' MSL.  
 Trees beginning 2187' from DER, 284' right of centerline, up to 548' MSL.  
 Trees beginning 2346' from DER, 155' left of centerline, up to 539' MSL.  
 Trees beginning 2639' from DER, 172' left of centerline, up to 541' MSL.  
 Trees beginning 2973' from DER, 25' left of centerline, up to 567' MSL.  
 Tree 3191' from DER, 181' right of centerline, 554' MSL.  
 Tree 3844' from DER, 448' right of centerline, 565' MSL.  
 Tree 3963' from DER, 688' right of centerline, 575' MSL.  
 Terrain+veg 5544' from DER, 1978' right of centerline, 100' AGL/606' MSL.  
 Trees 1.3 NM from DER, 900' right of centerline, up to 100' AGL/679' MSL.  
**Rwy 18**, vehicle on road beginning 544' from DER, on centerline, 15' AGL/476' MSL.  
 Hangars beginning 605' from DER, 12' right of centerline, up to 21' AGL/484' MSL.  
 Tree 1244' from DER, 175' left of centerline, 48' AGL/521' MSL.  
 Tree 1439' from DER, 409' right of centerline, 45' AGL/524' MSL.  
**Rwy 26**, trees beginning 494' from DER, 335' left of centerline, up to 33' AGL/472' MSL.  
**Rwy 36**, trees beginning 256' from DER, 107' left of centerline, up to 100' AGL/539' MSL.

**BENTON, AR****SALINE COUNTY RGNL (SUZ)****TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES**

AMDT 1 23JUN16 (16175) (FAA)

## DEPARTURE PROCEDURE:

**Rwy 2**, climb on heading 019° to 900 before proceeding on course.

## TAKEOFF OBSTACLE NOTES:

**Rwy 2**, ground 69' from DER, 450' right of centerline, 394' MSL.  
 Tree 319' from DER, 441' right of centerline, 399' MSL.  
 Tree 443' from DER, 437' right of centerline, 401' MSL.  
 Tree 566' from DER, 485' right of centerline, 406' MSL.  
 Tree 948' from DER, 375' right of centerline, 430' MSL.  
 Trees beginning 1035' from DER, 246' right of centerline, up to 435' MSL.  
 Trees beginning 1180' from DER, 408' right of centerline, up to 444' MSL.  
 Trees beginning 1274' from DER, 284' right of centerline, up to 450' MSL.  
 Trees beginning 1472' from DER, 417' right of centerline, up to 454' MSL.  
 Terrain 185' from DER, 336' left of centerline, 394' MSL.  
 Tree, terrain beginning 199' from DER, 330' left of centerline, up to 439' MSL.  
 Tree 420' from DER, 354' left of centerline, 440' MSL.  
 Trees beginning 445' from DER, 395' left of centerline, up to 460' MSL.  
 Tree 640' from DER, 641' left of centerline, 463' MSL.  
 Trees beginning 726' from DER, 444' left of centerline, up to 469' MSL.  
 Trees beginning 930' from DER, 474' left of centerline, up to 472' MSL.  
 Trees beginning 995' from DER, 732' left of centerline, up to 474' MSL.  
**Rwy 20**, tree 1314' from DER, 145' right of centerline, 431' MSL.  
 Tree 1383' from DER, 279' right of centerline, 432' MSL.  
 Pole 1397' from DER, 9' right of centerline, 71' AGL/436' MSL.  
 Tree 1467' from DER, 293' right of centerline, 438' MSL.  
 Tree 1561' from DER, 96' right of centerline, 439' MSL.  
 Tree 1563' from DER, 245' right of centerline, 443' MSL.  
 Tree 1795' from DER, 71' right of centerline, 445' MSL.  
 Tree 1220' from DER, 45' left of centerline, 428' MSL.  
 Trees beginning 1297' from DER, 15' left of centerline, up to 430' MSL.  
 Tree 1556' from DER, 33' left of centerline, 431' MSL.

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**TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND**

  
**DIVERSE VECTOR AREA (RADAR VECTORS)**

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# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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## BENTONVILLE, AR

### BENTONVILLE MUNI/LOUISE M THADEN FIELD (VBT)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 08NOV18 (18312) (FAA)

#### TAKEOFF MINIMUMS:

**Rwy 36**, 300-2¼ or std. w/min. climb of 204' per NM to 1700.

#### TAKEOFF OBSTACLE NOTES:

**Rwy 18**, building 109' from DER, 458' left of centerline, 11' AGL/1298' MSL.

Building 222' from DER, 550' left of centerline, 19' AGL/1305' MSL.

Pole 595' from DER, 302' left of centerline, 31' AGL/1320' MSL.

Pole beginning 599' from DER, 404' left of centerline, up to 33' AGL/1321' MSL.

Building, pole beginning 797' from DER, 209' right of centerline, up to 34' AGL/1325' MSL.

Building 1001' from DER, 617' left of centerline, 36' AGL/1331' MSL.

Pole beginning 1222' from DER, 248' left of centerline, up to 44' AGL/1342' MSL.

Pole 1224' from DER, 214' right of centerline, 38' AGL/1330' MSL.

Pole 1238' from DER, 237' right of centerline, 41' AGL/1332' MSL.

Pole 1240' from DER, 823' right of centerline, 38' AGL/1335' MSL.

Pole beginning 1342' from DER, 158' right of centerline, up to 38' AGL/1336' MSL.

Pole beginning 1588' from DER, 160' right of centerline, up to 49' AGL/1341' MSL.

**Rwy 36**, tree 162' from DER, 515' left of centerline, 1347' MSL.

Tree, traverse way beginning 178' from DER, 229' left of centerline, up to 1348' MSL.

Tree, traverse way beginning 290' from DER, 184' right of centerline, up to 1319' MSL.

Tree, traverse way, transmission line, pole beginning 330' from DER, 5' left of centerline, up to 1353' MSL.

Tree 1799' from DER, 882' right of centerline, 1341' MSL.

Tree, transmission line beginning 1991' from DER, 19' right of centerline, up to 1354' MSL.

Transmission line 2049' from DER, 755' right of centerline, 81' AGL/1356' MSL.

Pole 2050' from DER, 772' right of centerline, 85' AGL/1360' MSL.

Pole 2181' from DER, 753' left of centerline, 106' AGL/1379' MSL.

Tower 4063' from DER, 969' left of centerline, 141' AGL/1421' MSL.

Building beginning 4240' from DER, 936' right of centerline, up to 133' AGL/1420' MSL.

Tower 1.9 NM from DER, 1599' left of centerline, 333' AGL/1587' MSL.

## BERRYVILLE, AR

### CARROLL COUNTY (4M1)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 13JAN11 (11013) (FAA)

#### TAKEOFF MINIMUMS:

**Rwy 7**, std. w/ min. climb of 355' per NM to 2700, or 1100-2½ for climb in visual conditions.

**Rwy 25**, std. w/ min. climb of 365' per NM to 2500, or 1100-2½ for climb in visual conditions.

#### DEPARTURE PROCEDURE:

**Rwys 7, 25**, For climb in visual conditions: cross Carroll County airport at or above 2200 before proceeding on course.

#### TAKEOFF OBSTACLE NOTES:

**Rwy 7**, terrain and trees beginning 8' from DER, 118' right of centerline, up to 100' AGL/1379' MSL.

Hangars beginning 141' from DER, 238' left of centerline, up to 17' AGL/1218' MSL.

Terrain and trees beginning 268' from DER, 77' left of centerline, up to 100' AGL/1379' MSL.

**Rwy 25**, trees beginning 93' from DER, 212' right of centerline, up to 100' AGL/1419' MSL.

Tree 104' from DER, 186' left of centerline, 51' AGL/1204' MSL.

## BLACKWELL, OK

### BLACKWELL-TONKAWA MUNI (BKN)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 23SEP10 (10266) (FAA)

#### TAKEOFF OBSTACLE NOTES:

**Rwy 35**, trees beginning 50' from DER, 249' left of centerline, up to 30' AGL/1050' MSL.

Road with vehicles beginning 214' from DER, 397' right of centerline, up to 15' AGL/1043' MSL.

## BLYTHEVILLE, AR

### ARKANSAS INTL (BYH)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 11DEC14 (14345) (FAA)

#### TAKEOFF OBSTACLE NOTES:

**Rwy 36**, tree 3301' from DER, 1187' left of centerline, 88' AGL/337' MSL.

### BLYTHEVILLE MUNI (HKA)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 05JUN08 (08157) (FAA)

#### TAKEOFF OBSTACLE NOTES:

**Rwy 18**, tree 487' from DER, 345' left of centerline, 100' AGL/364' MSL.

Tree 1780' from DER, 748' right of centerline, 100' AGL/364' MSL.

**Rwy 36**, tree 2393' from DER, 825' right of centerline, 100' AGL/359' MSL.

# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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## BOISE CITY, OK

### BOISE CITY (17K)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES  
ORIG 22OCT09 (09295) (FAA)

TAKEOFF OBSTACLE NOTES:

**Rwy 22**, hangars 243' from DER, 226' right of centerline, 35' AGL/4212' MSL.  
Vehicle on road 566' from DER, right and left of centerline, up to 15' AGL/4192' MSL.

## BRINKLEY, AR

### FRANK FEDERER MEMORIAL (M36)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES  
ORIG 20OCT11 (11293) (FAA)

DEPARTURE PROCEDURE:

**Rwy 20**, climb heading 204° to 700 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

**Rwy 2**, trees beginning 425' from DER, 138' right of centerline, up to 100' AGL/299' MSL.  
Trees beginning 680' from DER, 262' left of centerline, up to 100' AGL/299' MSL.

**Rwy 20**, trees and terrain beginning 27' from DER, 125' right of centerline, up to 100' AGL/319' MSL.  
Trees and terrain beginning 82' from DER, 100' left of centerline, up to 100' AGL/319' MSL.

## BRISTOW, OK

### JONES MEMORIAL (3F7)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES  
AMDT 5 10SEP20 (20254) (FAA)

TAKEOFF OBSTACLE NOTES:

**Rwy 18**, electrical system 16' from DER, 486' right of centerline, 35' AGL/887' MSL.

Terrain 37' from DER, 405' left of centerline, 871' MSL.

Terrain 66' from DER, 249' left of centerline, 874' MSL.

Trees beginning 191' from DER, 486' left of centerline, up to 28' AGL/890' MSL.

Trees beginning 232' from DER, 559' right of centerline, up to 47' AGL/903' MSL.

Trees beginning 312' from DER, 339' left of centerline, up to 36' AGL/899' MSL.

Trees beginning 384' from DER, 309' left of centerline, up to 41' AGL/904' MSL.

Tree, electrical system beginning 391' from DER, 483' right of centerline, up to 44' AGL/907' MSL.

Tree 450' from DER, 572' right of centerline, 44' AGL/909' MSL.

Trees beginning 509' from DER, 560' right of centerline, up to 49' AGL/913' MSL.

Trees beginning 697' from DER, 574' right of centerline, up to 42' AGL/915' MSL.

Tree 725' from DER, 638' right of centerline, 43' AGL/919' MSL.

Trees, electrical system, vehicles on road, buildings, pole beginning 773' from DER, 462' right of centerline, up to 42' AGL/920' MSL.

Trees, electrical system beginning 807' from DER, 115' left of centerline, up to 58' AGL/905' MSL.

Trees beginning 1082' from DER, 52' left of centerline, up to 46' AGL/912' MSL.

Electrical system, building beginning 1178' from DER, 732' right of centerline, up to 32' AGL/934' MSL.

Trees, electrical system beginning 1193' from DER, 434' right of centerline, up to 42' AGL/940' MSL.

Electrical system beginning 1227' from DER, 181' left of centerline, up to 53' AGL/918' MSL.

Pole 2879' from DER, 169' left of centerline, 72' AGL/951' MSL.

Pole 2890' from DER, 344' right of centerline, 77' AGL/955' MSL.

Transmission line 2894' from DER, 967' right of centerline, 70' AGL/960' MSL.

Poles beginning 2897' from DER, 809' right of centerline, up to 78' AGL/964' MSL.

**Rwy 36**, vehicles on road 35' from DER, 465' left of centerline, 807' MSL.

Tree, electrical system beginning 190' from DER, 492' left of centerline, up to 46' AGL/833' MSL.

Trees, electrical system beginning 238' from DER, 304' left of centerline, up to 51' AGL/839' MSL.

Electrical system 311' from DER, 314' right of centerline, 28' AGL/819' MSL.

Electrical system beginning 411' from DER, 255' right of centerline, up to 35' AGL/834' MSL.

Electrical system beginning 414' from DER, 295' right of centerline, up to 30' AGL/839' MSL.

Electrical system, vehicles on road, trees beginning 421' from DER, 252' right of centerline, up to 57' AGL/847' MSL.

Trees beginning 1012' from DER, 491' right of centerline, up to 72' AGL/849' MSL.

Trees beginning 1068' from DER, 535' right of centerline, up to 73' AGL/851' MSL.

Trees beginning 1143' from DER, 537' right of centerline, up to 75' AGL/853' MSL.

Trees beginning 1338' from DER, 546' right of centerline, up to 83' AGL/860' MSL.

Trees beginning 1446' from DER, 536' right of centerline, up to 85' AGL/863' MSL.

Trees beginning 1500' from DER, 558' right of centerline, up to 88' AGL/865' MSL.

Tree 1692' from DER, 453' left of centerline, 70' AGL/852' MSL.

Trees beginning 2063' from DER, 437' right of centerline, up to 90' AGL/870' MSL.

Tree 2066' from DER, 380' left of centerline, 84' AGL/861' MSL.

Tree 2185' from DER, 703' right of centerline, 95' AGL/871' MSL.

Trees beginning 2187' from DER, 359' left of centerline, up to 85' AGL/866' MSL.

Tree 2223' from DER, 606' right of centerline, 102' AGL/880' MSL.

Trees beginning 2298' from DER, 700' right of centerline, up to 106' AGL/882' MSL.

Tree 2337' from DER, 1033' left of centerline, 95' AGL/874' MSL.

Tree 3961' from DER, 450' left of centerline, 47' AGL/906' MSL.

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# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

21112

## BURNS FLAT, OK

CLINTON-SHERMAN (CSM)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG-A 27APR17 (17117) (FAA)

TAKEOFF OBSTACLE NOTES:

**Rwy 17L**, tree 655' from DER, 317' left of centerline, 23' AGL/1932' MSL.**Rwy 17R**, tree 1275' from DER, 620' right of centerline, 35' AGL/1954' MSL.**Rwy 35R**, ATCT 2797' from DER, 188' right of centerline, 66' AGL/1985' MSL.

Tower 3017' from DER, 296' right of centerline, 85' AGL/1996' MSL.

## BUFFALO, OK

BUFFALO MUNI (BFK)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 03JUN10 (10154) (FAA)

TAKEOFF OBSTACLE NOTES:

**Rwy 17**, vehicles on roadway, at DER, 458' right of centerline, up to 17' AGL/1816' MSL.

Trees beginning 907' from DER, left and right of centerline, up to 40' AGL/1829' MSL.

**Rwy 35**, vehicles on roadway, 30' from DER, 467' left of centerline, up to 17' AGL/1846' MSL.

Vehicles on roadway, 776' from DER, left and right of centerline, up to 17' AGL/1846' MSL.

## CAMDEN, AR

HARRELL FIELD (CDH)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 31MAY12 (12152) (FAA)

TAKEOFF OBSTACLE NOTES:

**Rwy 1**, trees beginning 27' from DER, 6' right of centerline, up to 84' AGL/224' MSL.

Trees beginning 163' from DER, 159' left of centerline, up to 85' AGL/255' MSL.

Vehicle on road 327' from DER, 273' left of centerline, 15' AGL/146' MSL.

**Rwy 19**, trees beginning 38' from DER, 88' left of centerline, up to 83' AGL/222' MSL.

Trees beginning 797' from DER, 305' right of centerline, up to 84' AGL/213' MSL.

## CARLISLE, AR

CARLISLE MUNI (4M3)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 05JUN08 (08157) (FAA)

TAKEOFF OBSTACLE NOTES:

**Rwy 9**, trees 2966' from DER, 1135' right of centerline, 100' AGL/339' MSL.

Building 82' from DER, 331' left of centerline, 20' AGL/264' MSL.

Building 781' from DER, 565' right of centerline, 30' AGL/269' MSL.

**Rwy 18**, trees 306' from DER, across centerline, up to 100' AGL/344' MSL.

Road 674' from DER, across centerline, 17' AGL/262' MSL.

**Rwy 27**, trees 2668' from DER, 516' right of centerline, 100' AGL/344' MSL.**Rwy 36**, road 396' from DER, across centerline, 15' AGL/259' MSL.

## CHANDLER, OK

CHANDLER RGNL (CQB)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1A 08NOV18 (18312) (FAA)

TAKEOFF OBSTACLE NOTES:

**Rwy 17**, bush 15' from DER, 459' left of centerline, 988' MSL.

Trees and ground beginning 18' from DER, 16' right of centerline, up to 45' AGL/1012' MSL.

Tree 78' from DER, 292' right of centerline, 47' AGL/1013' MSL.

Trees beginning 102' from DER, 254' right of centerline, up to 51' AGL/1016' MSL.

Power line and trees beginning 103' from DER, 456' left of centerline, up to 1007' MSL.

**Rwy 35**, tree 20' from DER, 188' left of centerline, 15' AGL/965' MSL.

Tree 32' from DER, 100' right of centerline, 964' MSL.

Tree 329' from DER, 574' right of centerline, 976' MSL.

Trees beginning 708' from DER, 510' left of centerline, up to 985' MSL.

Tree 717' from DER, 503' right of centerline, 982' MSL.

## CHICKASHA, OK

CHICKASHA MUNI (CHK)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 30JUN11 (11181) (FAA)

TAKEOFF OBSTACLE NOTES:

**Rwy 18**, trees beginning 272' from DER, 103' right of centerline, up to 94' AGL/1183' MSL.

Trees beginning 708' from DER, 507' left of centerline, up to 40' AGL/1169' MSL.

# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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## CLAREMORE, OK

### CLAREMORE RGNL (GCM)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 01FEB18 (18032) (FAA)

#### TAKEOFF MINIMUMS:

**Rwy 36**, 300 - 1 ½ of std. w/min. climb of 306' per NM to 1100.

#### TAKEOFF OBSTACLE NOTES:

**Rwy 18**, terrain 450' from DER, 505' left of centerline, 753' MSL.

**Rwy 36**, tree 473' from DER, 342' left of centerline, 19' AGL/719' MSL.

Tree 1103' from DER, 510' right of centerline, 27' AGL/729' MSL.

Tree 1149' from DER, 478' left of centerline, 38' AGL/727' MSL.

Tree 1510' from DER, 241' right of centerline, 46' AGL/735' MSL.

Tree 1570' from DER, 557' right of centerline, 42' AGL/739' MSL.

Tree 1 NM from DER, 1917' left of centerline, 100' AGL/949' MSL.

## CLARKSVILLE, AR

### CLARKSVILLE MUNI (H35)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 01JUN78 (78152) (FAA)

#### TAKEOFF MINIMUMS:

**Rwy 9**, 400-2

#### DEPARTURE PROCEDURE:

**Rwys 9, 27**, climb on runway heading to 3500 prior to turning northbound.

## CLINTON, AR

### HOLLEY MOUNTAIN AIRPARK (2A2)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 20NOV08 (08325) (FAA)

#### TAKEOFF OBSTACLE NOTES:

**Rwy 5**, numerous trees left and right of centerline, beginning 2' from DER, up to 100' AGL/1399' MSL.

**Rwy 23**, numerous trees left and right of centerline, beginning 38' from DER, up to 100' AGL/1359' MSL.

## CLINTON MUNI (CCA)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 21JUL16 (16203) (FAA)

#### TAKEOFF MINIMUMS:

**Rwy 31**, NA-Obstacles.

**Rwy 13**, std. w/min. climb of 320' per NM to 1400 or 1800-3 for climb in visual conditions.

#### DEPARTURE PROCEDURE:

**Rwy 13**, climb heading 132° to 1400 before turning.

#### VCOA:

Obtain ATC approval for climb in visual conditions when requesting IFR clearance. Climb in visual conditions to cross Clinton Muni at or above 2200 before proceeding on course.

#### TAKEOFF OBSTACLE NOTES:

**Rwy 13**, bldg, fence, tree, vehicle on rd, beginning 14' from DER, 168' right of centerline, up to 19' AGL/517' MSL.

Tower, ant ltd, vehicle on rd, tree, fence, pole, beginning 101' from DER, 2' right of centerline, up to 36' AGL/534' MSL.

Tree 348' from DER, 114' right of centerline, 51' AGL/537' MSL.

Trees, beginning 404' from DER, 47' right of centerline, up to 54' AGL/546' MSL.

Trees, beginning 452' from DER, 24' left of centerline, up to 65' AGL/552' MSL.

Trees, beginning 539' from DER, 259' right of centerline, up to 65' AGL/556' MSL.

Trees, beginning 600' from DER, 227' right of centerline, up to 78' AGL/565' MSL.

Trees, beginning 614' from DER, 256' right of centerline, up to 572' MSL.

Trees, beginning 749' from DER, 213' right of centerline, up to 84' AGL/573' MSL.

Trees, beginning 1280' from DER, 1' right of centerline, up to 91' AGL/582' MSL.

Trees, beginning 1810' from DER, 328' left of centerline, up to 75' AGL/593' MSL.

Trees, beginning 1834' from DER, 95' left of centerline, up to 82' AGL/602' MSL.

Tree 1880' from DER, 965' left of centerline, 55' AGL/604' MSL.

Trees, beginning 1883' from DER, 61' left of centerline, up to 72' AGL/608' MSL.

Trees, beginning 1902' from DER, 53' right of centerline, up to 104' AGL/619' MSL.

Tree 1984' from DER, 194' left of centerline, 73' AGL/625' MSL.

Trees, beginning 1987' from DER, 253' left of centerline, up to 80' AGL/636' MSL.

Tree, lt pole, beginning 1997' from DER, 9' right of centerline, up to 79' AGL/642' MSL.

Trees, beginning 2007' from DER, 208' right of centerline, up to 643' MSL.

Tree, vehicle on rd, road, pole, terrain, bldg, beginning 2019' from DER, 0' from centerline, up to 649' MSL.

Tree 5104' from DER, 1513' right of centerline, 71' AGL/650' MSL.

Trees, beginning 5109' from DER, 594' right of centerline, up to 73' AGL/649' MSL.

Tree 5151' from DER, 396' right of centerline, 77' AGL/658' MSL.

Trees, beginning 5197' from DER, 30' right of centerline, up to 78' AGL/666' MSL.

Trees, beginning 5316' from DER, 130' left of centerline, up to 75' AGL/675' MSL.

Trees, beginning 5384' from DER, 82' left of centerline, up to 76' AGL/683' MSL.

Trees, beginning 5391' from DER, 33' left of centerline, up to 75' AGL/684' MSL.

Tree, pole, beginning 5541' from DER, 23' left of centerline, up to 73' AGL/693' MSL.

CON'T

# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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## CLINTON, AR (CON'T)

### CLINTON MUNI (CCA) (CON'T)

**Rwy 16 (CON'T)**, trees, beginning 5705' from DER, 267' left of centerline, up to 80' AGL/703' MSL.  
 Tree, bldg, terrain, beginning 5791' from DER, 50' right of centerline, up to 83' AGL/709' MSL.  
 Tree, bldg, beginning 5856' from DER, 38' left of centerline, up to 86' AGL/720' MSL.  
 Tree, bldg, pole, beginning 5912' from DER, 373' left of centerline, up to 95' AGL/728' MSL.  
 Trees, beginning 5955' from DER, 212' right of centerline, up to 100' AGL/729' MSL.  
 Tree, vehicle on rd, bldg, pole, terrain, lt pole, beginning 5963' from DER, 12' left of centerline, up to 104' AGL/736' MSL.  
 Tree 1.8 NM from DER, 1680' left of centerline, 41' AGL/791' MSL.  
 Trees, beginning 1.8 NM from DER, 1659' left of centerline, up to 41' AGL/806' MSL.  
 Trees, beginning 1.9 NM from DER, 1656' left of centerline, up to 45' AGL/808' MSL.  
 Tree 1.9 NM from DER, 1786' left of centerline, 49' AGL/801' MSL.

## CLINTON, OK

### CLINTON RGNL (CLK)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 29MAY14 (14149) (FAA)

#### TAKEOFF MINIMUMS:

**Rwys 13, 31**, NA-Environmental.

#### TAKEOFF OBSTACLE NOTES:

**Rwy 17**, lights 6' from DER, left and right of centerline, 2' AGL/1596' MSL.

**Rwy 35**, tree 614' from DER, 576' right of centerline, 25' AGL/1626' MSL.

## COLT, AR

### DELTA RGNL (DRP)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 29MAY14 (14149) (FAA)

#### TAKEOFF OBSTACLE NOTES:

**Rwy 18**, trees beginning 3044' from DER, 196' left of centerline, up to 83' AGL/312' MSL.

**Rwy 36**, trees beginning 2219' from DER, 991' right of centerline, up to 78' AGL/319' MSL.

## CONWAY, AR

### CONWAY RGNL (CXW)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 13NOV14 (20366) (FAA)

#### TAKEOFF MINIMUMS:

**Rwy 22**, std. w/ min. climb of 250' per NM to 680.

#### DEPARTURE PROCEDURE:

Climbing right turn heading 260° to 1300 before proceeding on course.

## CORNING, AR

### CORNING MUNI (4M9)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 05MAY11 (11125) (FAA)

#### TAKEOFF OBSTACLE NOTES:

**Rwy 18**, power lines beginning 499' from DER, left and right of centerline, up to 30' AGL/319' MSL.

Vehicles on roadway beginning 534' from DER, left and right of centerline, up to 15' AGL/309' MSL.

Trees beginning 1067' from DER, 292' right of centerline, up to 100' AGL/379' MSL.

**Rwy 36**, hangar 149' from DER, 399' left of centerline, 25' AGL/317' MSL.

Vehicles on roadway beginning 535' from DER, left and right of centerline, up to 15' AGL/309' MSL.

Power lines 552' from DER, left and right of centerline, up to 30' AGL/324' MSL.

Trees beginning 1148' from DER, 793' right of centerline, up to 100' AGL/394' MSL.

Trees beginning 2570' from DER, 1167' left of centerline, up to 100' AGL/394' MSL.

## CROSSETT, AR

### Z M JACK STELL FIELD (CRT)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 28JUL11 (11209) (FAA)

#### TAKEOFF OBSTACLE NOTES:

**Rwy 5**, trees beginning 1382' from DER, left and right of centerline, up to 75' AGL/259' MSL.

Vehicle on road beginning 298' from DER, left and right of centerline, up to 15' AGL/199' MSL.

Terrain 69' from DER, 288' left of centerline, 187' MSL.

**Rwy 23**, trees beginning abeam DER, right and left of centerline, up to 75' AGL/253' MSL.

Hangar, fuel tanks and shed beginning 147' from DER, 434' left of centerline, up to 17' AGL/195' MSL.

Vehicle on road beginning 453' from DER, left and right of centerline, up to 15' AGL/193' MSL.

# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

21112

## CUSHING, OK

### CUSHING MUNI (CUH)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES  
AMDT 1A 20AUG15 (15232) (FAA)

TAKEOFF MINIMUMS:

**Rwys 2, 8, 11, 20, 26, 29, NA.**

**Rwy 36**, 400-2 or std. w/ min. climb of 210' per NM to 1400.

DEPARTURE PROCEDURES:

**Rwy 36**, climb via heading 360° to 1400' before turning left.

TAKEOFF OBSTACLE NOTES:

**Rwy 18**, trees beginning 43' from DER, 459' left of centerline, up to 50' AGL/921' MSL.

Pole 341' from DER, 335' left of centerline, 36' AGL/907' MSL.

NAVAID 2' from DER, 30' left of centerline, 4' AGL/879' MSL.

**Rwy 36**, terrain 72' from DER, 116' right of centerline, 918' MSL.

Trees beginning 83' from DER, 5' right of centerline, up to 50' AGL/965' MSL.

Trees beginning 1114' from DER, 29' left of centerline, up to 50' AGL/1013' MSL.

Vehicles on roadway 1050' from DER, 96' left of centerline, up to 15' AGL/951' MSL.

Poles beginning 1117' from DER, 138' right of centerline, up to 22' AGL/1071' MSL.

Tower 2.16 NM from DER, 5370' left of centerline, 250' AGL/1263' MSL.

## DANVILLE, AR

### DANVILLE MUNI (32A)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES  
ORIG 10NOV16 (16315) (FAA)

TAKEOFF MINIMUMS:

**Rwy 11**, std. w/ min. climb of 300' per NM to 1900 or 1700-2 ½ for VCOA.

**Rwy 29**, std. w/ min. climb of 340' per NM to 4100 or 1700-2 ½ for VCOA.

DEPARTURE PROCEDURE:

**Rwy 11**, climb on heading 105° to 1400 before proceeding on course.

VCOA:

**Rwy 11**, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Danville Muni at or above 1900 before proceeding on course.

**Rwy 35**, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Danville Muni at or above 1900 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

**Rwy 11**, grd 1' from DER, 245' right of centerline, 394' MSL.

Fence 1' from DER, 131' right of centerline, 5' AGL/395' MSL.

Ground 1' from DER, 454' right of centerline, 404' MSL.

Tree, fence, grd, beginning 3' from DER, 131' right of centerline, up to 56' AGL/464' MSL.

Trees, beginning 548' from DER, 564' right of centerline, up to 64' AGL/484' MSL.

Trees, beginning 774' from DER, 67' left of centerline, up to 63' AGL/435' MSL.

Tree, grd, pole, fence, vehicles on road, beginning 779' from DER, 8' right of centerline, up to 66' AGL/486' MSL.

Tree 1203' from DER, 698' left of centerline, 71' AGL/443' MSL.

Tree 2054' from DER, 803' left of centerline, 80' AGL/452' MSL.

Tree 2412' from DER, 1017' left of centerline, 77' AGL/460' MSL.

Tree 2542' from DER, 986' left of centerline, 83' AGL/464' MSL.

**Rwy 29**, tree, vehicles on road, beginning 3' from DER, 302' left of centerline, up to 27' AGL/395' MSL.

Ground, beginning 7' from DER, 466' right of centerline, up to 372' MSL.

Tree, grd, beginning 24' from DER, 144' right of centerline, up to 16' AGL/386' MSL.

Tree, pole, beginning 76' from DER, 267' left of centerline, up to 65' AGL/431' MSL.

Tree, vehicles on road, pole, beginning 87' from DER, 184' left of centerline, up to 95' AGL/461' MSL.

Pole, tree, beginning 225' from DER, 490' right of centerline, up to 25' AGL/401' MSL.

Tree, vehicles on road, pole, beginning 499' from DER, 394' right of centerline, up to 52' AGL/424' MSL.

Tree, vehicles on road, beginning 984' from DER, 653' right of centerline, up to 30' AGL/426' MSL.

Tree, fence, beginning 1013' from DER, 537' right of centerline, up to 51' AGL/431' MSL.

Tree, pole, vehicles on road, ant, beginning 1035' from DER, 457' right of centerline, up to 45' AGL/432' MSL.

Tree, pole, vehicles on road, beginning 1321' from DER, 341' right of centerline, up to 62' AGL/444' MSL.

Tree, vehicles on road, beginning 1886' from DER, 106' right of centerline, up to 51' AGL/445' MSL.

Tree 1996' from DER, 742' right of centerline, 77' AGL/454' MSL.

Tree, vehicles on road, beginning 2009' from DER, 482' right of centerline, up to 50' AGL/454' MSL.

Trees, beginning 2013' from DER, 290' right of centerline, up to 80' AGL/461' MSL.

Trees, beginning 2054' from DER, 115' right of centerline, up to 75' AGL/468' MSL.

Trees, beginning 2236' from DER, 164' right of centerline, up to 79' AGL/469' MSL.

## DE QUEEN, AR

### J. LYNN HELMS SEVIER COUNTY (DEQ)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES  
AMDT 1A 10MAR11 (11069) (FAA)

TAKEOFF MINIMUMS:

**Rwy 8**, 400-2 or std. w/ min. climb of 378' per NM to 900.

TAKEOFF OBSTACLE NOTES:

**Rwy 8**, tower 1.36 NM from DER, 1350' right of centerline, 198' AGL/598' MSL.

**Rwy 26**, multiple trees and poles beginning 126' from DER, 64' left of centerline, up to 92' AGL/432' MSL.

Multiple trees and pole beginning 241' from DER, 98' right of centerline, up to 96' AGL/436' MSL.

# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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## DECATUR, AR

### CRYSTAL LAKE (5M5)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1A 15OCT15 (15288) (FAA)

#### TAKEOFF MINIMUMS:

**Rwy 13**, NA-obstacles.

#### TAKEOFF OBSTACLE NOTES:

**Rwy 31**, trees beginning 107' from DER, 64' left of centerline, up to 88' AGL/1239' MSL.

Pole 235' from DER, 353' left of centerline, 32' AGL/1161' MSL.

Pole 241' from DER, 465' left of centerline, 31' AGL/1162' MSL.

Building 1246' from DER, 519' left of centerline, 12' AGL/1187' MSL.

Train 470' from DER, 322' left of centerline, 23' AGL/1202' MSL.

Trees beginning 1216' from DER, 10' left of centerline, up to 103' AGL/1263' MSL.

Trees beginning 2252' from DER, 7' left of centerline, up to 100' AGL/1265' MSL.

Pole 199' from DER, 375' right of centerline, 44' AGL/1162' MSL.

Trees beginning 104' from DER, 89' right of centerline, up to 98' AGL/1221' MSL.

Pole 819' from DER, 633' right of centerline, 36' AGL/1181' MSL.

Trees beginning 1279' from DER, 7' right of centerline, up to 103' AGL/1242' MSL.

Trees beginning 2208' from DER, 59' right of centerline, up to 92' AGL/1267' MSL.

## DUMAS, AR

### BILLY FREE MUNI (0M0)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 30JAN20 (20030) (FAA)

#### TAKEOFF OBSTACLE NOTES:

**Rwy 18**, traverse way beginning 71' from DER, 407' left of centerline, up to 18' AGL/178' MSL.

Tree 85' from DER, 347' left of centerline, 54' AGL/213' MSL.

Tree 95' from DER, 478' left of centerline, 63' AGL/222' MSL.

Traverse way 163' from DER, 502' right of centerline, 17' AGL/176' MSL.

Tree 1415' from DER, 422' right of centerline, 54' AGL/213' MSL.

Tree 1429' from DER, 608' right of centerline, 58' AGL/216' MSL.

Trees beginning 1442' from DER, 853' right of centerline, up to 66' AGL/225' MSL.

**Rwy 36**, terrain 83' from DER, 237' left of centerline, 166' MSL.

Traverse way 197' from DER, 287' left of centerline, 15' AGL/178' MSL.

Trees beginning 253' from DER, 335' left of centerline, up to 48' AGL/210' MSL.

Tree, pole beginning 263' from DER, 269' right of centerline, up to 52' AGL/216' MSL.

Trees beginning 1319' from DER, 456' left of centerline, up to 53' AGL/217' MSL.

Tree 1611' from DER, 228' right of centerline, 54' AGL/219' MSL.

Trees beginning 1674' from DER, 83' right of centerline, up to 64' AGL/225' MSL.

Tree 1838' from DER, 302' right of centerline, 76' AGL/237' MSL.

Trees beginning 1889' from DER, 150' right of centerline, up to 74' AGL/239' MSL.

Trees beginning 1960' from DER, 225' left of centerline, up to 82' AGL/246' MSL.

## DUNCAN, OK

### HALLIBURTON FIELD (DUC)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 23SEP10 (10266) (FAA)

#### TAKEOFF MINIMUMS:

**Rwy 35**, 500-2/4, or std. with a min. climb of 280' per NM to 1700.

#### TAKEOFF OBSTACLE NOTES:

**Rwy 17**, multiple power poles beginning 978' from DER, 702' left of centerline, up to 60' AGL/1129' MSL.

Multiple power poles beginning 945' from DER, 613' right of centerline, up to 60' AGL/1149' MSL.

Multiple trees beginning 1704' from DER, 769' left of centerline, up to 100' AGL/1169' MSL.

**Rwy 35**, multiple trees beginning 1934' from DER, left to right of centerline, up to 100' AGL/1219' MSL.

Bush 7' from DER, 445' right of centerline, 9' AGL/1119' MSL.

Tower 1.92 NM from DER, 2453' left of centerline, 362' AGL/1471' MSL.

## DURANT, OK

### DURANT RGNL - EAKER FIELD (DUA)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 05DEC19 (19339) (FAA)

#### TAKEOFF OBSTACLE NOTES:

**Rwy 17**, building 24' from DER, 361' left of centerline, 4' AGL/697' MSL.

Tree 93' from DER, 312' right of centerline, 22' AGL/711' MSL.

Tree 139' from DER, 535' right of centerline, 29' AGL/716' MSL.

**Rwy 35**, sign 24' from DER, 201' left of centerline, 3' AGL/703' MSL.

# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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## EL DORADO, AR

SOUTH ARKANSAS RGNL AT GOODWIN FIELD (ELD)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2A 01FEB18 (18032) (FAA)

TAKEOFF OBSTACLE NOTES:

- Rwy 4**, tree 1335' from DER, 620' right of centerline, 298' MSL.
- Tree 1337' from DER, 692' right of centerline, 304' MSL.
- Tree 2811' from DER, 657' right of centerline, 331' MSL.
- Tree 3601' from DER, 685' left of centerline, 353' MSL.
- Rwy 13**, tree 83' from DER, 373' left of centerline, 271' MSL.
- Tree 353' from DER, 239' left of centerline, 282' MSL.
- Trees beginning 408' from DER, 261' right of centerline, up to 296' MSL.
- Tree 409' from DER, 273' left of centerline, 295' MSL.
- Trees beginning 657' from DER, 315' left of centerline, up to 309' MSL.
- Tree 763' from DER, 346' right of centerline, 304' MSL.
- Tree 1302' from DER, 421' right of centerline, 318' MSL.
- Tree 2311' from DER, 280' right of centerline, 345' MSL.
- Rwy 31**, tree 77' from DER, 248' right of centerline, 325' MSL.
- Trees beginning 216' from DER, 261' left of centerline, up to 326' MSL.
- Tree 578' from DER, 294' right of centerline, 326' MSL.
- Trees beginning 977' from DER, 25' left of centerline, up to 353' MSL.
- Tree 1029' from DER, 352' right of centerline, 335' MSL.
- Tree 2330' from DER, 304' right of centerline, 399' MSL.
- Tree 2581' from DER, 572' right of centerline, 406' MSL.

## EL RENO, OK

EL RENO RGNL (RQO)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 10APR08 (08101) (FAA)

TAKEOFF MINIMUMS:

- Rwy 18, 36**, NA-Environmental.
- Rwy 35**, 200-1 or std. w/ min. climb of 300' per NM to 1700.

TAKEOFF OBSTACLE NOTES:

- Rwy 17**, vehicle on road 444' from DER, on centerline, 17' AGL/1436' MSL.
- Rwy 35**, power lines, 1800' from DER, on centerline, 80' AGL/1519' MSL.

## ELK CITY, OK

ELK CITY RGNL BUSINESS (ELK)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1A 07DEC17 (17341) (FAA)

TAKEOFF OBSTACLE NOTES:

- Rwy 17**, sign 385' from DER, 403' right of centerline, 16' AGL/1986' MSL.
- Pole beginning 414' from DER, 551' right of centerline, up to 35' AGL/2000' MSL.
- Pole 484' from DER, 339' right of centerline, 31' AGL/2001' MSL.
- Poles beginning 492' from DER, 477' right of centerline, up to 35' AGL/2004' MSL.
- Road beginning 492' from DER, 1' left of centerline, up to 1987' MSL.
- Tree 512' from DER, 518' left of centerline, 66' AGL/2006' MSL.
- Poles beginning 618' from DER, 274' right of centerline, up to 38' AGL/2007' MSL.
- Rwy 35**, fence beginning 52' from DER, 377' right of centerline, up to 10' AGL/2017' MSL.
- Pole beginning 191' from DER, 465' left of centerline, up to 35' AGL/2020' MSL.
- Fence 386' from DER, 275' left of centerline, 9' AGL/2024' MSL.
- Tree 543' from DER, 270' left of centerline, 35' AGL/2027' MSL.

## ENID, OK

ENID WOODRING RGNL (WDG)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 4 10DEC15 (15344) (FAA)

TAKEOFF OBSTACLE NOTES:

- Rwy 13**, trees beginning 107' from DER, 182' right of centerline, up to 100' AGL/1269' MSL.
- Trees beginning 840' from DER, 248' left of centerline, up to 100' AGL/1289' MSL.
- Rwy 31**, vehicle on road 21' from DER, 415' right of centerline, 15' AGL/1171' MSL.
- Vehicle on road 417' from DER, 85' left of centerline, 15' AGL/1174' MSL.
- Rwy 35**, fence 205' from DER, 489' right of centerline, 7' AGL/1175' MSL.
- Vehicle on road beginning 293' from DER, 209' right of centerline, 15' AGL/1187' MSL.
- Train on railroad tracks beginning 369' from DER, left and right of centerline, 23' AGL/1190' MSL.
- Trees beginning 336' from DER, 95' right of centerline, 24' AGL/1191' MSL.

# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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## FAIRVIEW, OK

### FAIRVIEW MUNI (6K4)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 5 05DEC19 (19339) (FAA)

##### TAKEOFF MINIMUMS:

**Rwy 17**, 300-1¼ or std. w/min. climb of 350' per NM to 1600.

##### DEPARTURE PROCEDURE:

**Rwy 17**, climb heading 177° to 1800 before turning left.

##### TAKEOFF OBSTACLE NOTES:

**Rwy 17**, terrain 1' from DER, 494' right of centerline, 1273' MSL.

Trees, vehicle on road, pole, buildings and sign beginning 38' from DER, 285' left of centerline, up to 50' AGL/1321' MSL.

Utility pole 192' from DER, 417' right of centerline, 5' AGL/1279' MSL.

Tank and terrain beginning 217' from DER, 409' right of centerline, up to 8' AGL/1281' MSL.

Poles, buildings, vehicle on road, tank, antenna, electrical system and trees beginning 239' from DER, 193' right of centerline, up to 35' AGL/1308' MSL.

Trees beginning 377' from DER, 418' left of centerline, up to 55' AGL/1327' MSL.

Trees, vehicle on road, buildings, poles and electrical system beginning 394' from DER, 44' left of centerline, up to 65' AGL/1335' MSL.

Pole, electrical system and tree beginning 454' from DER, 452' right of centerline, up to 36' AGL/1311' MSL.

Pole, trees and building beginning 520' from DER, 213' right of centerline, up to 43' AGL/1317' MSL.

Trees, electrical system, poles, vehicle on road and buildings beginning 526' from DER, 193' right of centerline, up to 46' AGL/1320' MSL.

Trees, buildings, electrical system and poles beginning 698' from DER, 192' right of centerline, up to 50' AGL/1325' MSL.

Trees and poles beginning 1010' from DER, 14' right of centerline, up to 58' AGL/1333' MSL.

Trees and poles beginning 1174' from DER, 174' left of centerline, up to 71' AGL/1341' MSL.

Trees, poles, building and electrical system beginning 1209' from DER, 9' right of centerline, up to 68' AGL/1344' MSL.

Trees beginning 1249' from DER, 34' left of centerline, up to 76' AGL/1346' MSL.

Tree 1378' from DER, 713' left of centerline, 82' AGL/1353' MSL.

Trees and pole beginning 1397' from DER, 27' left of centerline, up to 86' AGL/1356' MSL.

Trees, poles and antenna beginning 1675' from DER, 31' right of centerline, up to 73' AGL/1351' MSL.

Tree 2927' from DER, 227' right of centerline, 70' AGL/1352' MSL.

Grain elevator beginning 4385' from DER, 1445' right of centerline, up to 172' AGL/1463' MSL.

Antenna 6033' from DER, 404' right of centerline, 136' AGL/1432' MSL.

**Rwy 35**, brush beginning 5' from DER, 315' right of centerline, up to 4' AGL/1266' MSL.

Sign and fence beginning 13' from DER, 200' left of centerline, up to 3' AGL/1267' MSL.

Brush beginning 65' from DER, 288' right of centerline, up to 4' AGL/1268' MSL.

Tree 698' from DER, 488' left of centerline, 35' AGL/1298' MSL.

Trees beginning 699' from DER, 351' left of centerline, up to 34' AGL/1300' MSL.

Tree 799' from DER, 674' left of centerline, 41' AGL/1308' MSL.

Antenna and tree beginning 801' from DER, 703' left of centerline, up to 47' AGL/1314' MSL.

Tree 839' from DER, 691' left of centerline, 48' AGL/1316' MSL.

Tree 2029' from DER, 50' right of centerline, 57' AGL/1319' MSL.

Tree 2133' from DER, 160' left of centerline, 62' AGL/1326' MSL.

## FAYETTEVILLE, AR

### DRAKE FLD (FYV)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 7 07DEC17 (21112) (FAA)

##### TAKEOFF MINIMUMS:

**Rwy 16**, 400-2 w/min. climb of 320' per NM to 2500 or std. w/min. climb of 530' per NM to 2000 or 1600-3 for VCOA.

**Rwy 34**, 300-1 or std. w/min. climb of 680' per NM to 1700.

##### DEPARTURE PROCEDURE:

**Rwy 16**, climb heading 167° to 2700 before turning right. Climb heading 167° to 3400 before turning left.

**Rwy 34**, climb heading 347° to 2700 before proceeding on course.

##### VCOA:

**Rwy 16**, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Drake Fld at or above 2700 before proceeding on course.

##### TAKEOFF OBSTACLE NOTES:

**Rwy 16**, tree 73' from DER, 404' left of centerline, 1252' MSL.

Tree 196' from DER, 354' left of centerline, 1258' MSL.

Trees beginning 833' from DER, 562' right of centerline, up to 38' AGL/1269' MSL.

Trees beginning 1184' from DER, 106' left of centerline, up to 114' AGL/1342' MSL.

Tree 2087' from DER, 467' right of centerline, 1301' MSL.

Tree 2104' from DER, 254' right of centerline, 1309' MSL.

Tree 2230' from DER, 869' right of centerline, 1320' MSL.

Tree 2513' from DER, 291' right of centerline, 1323' MSL.

Trees beginning 2882' from DER, 12' right of centerline, up to 103' AGL/1339' MSL.

Trees beginning 3024' from DER, 624' left of centerline, up to 85' AGL/1344' MSL.

Trees beginning 3096' from DER, 386' left of centerline, up to 94' AGL/1346' MSL.

Trees beginning 3599' from DER, 1166' left of centerline, up to 78' AGL/1362' MSL.

Trees beginning 3720' from DER, 1009' left of centerline, up to 78' AGL/1377' MSL.

Trees beginning 4087' from DER, 390' left of centerline, up to 61' AGL/1415' MSL.

Trees beginning 4646' from DER, 498' left of centerline, up to 76' AGL/1452' MSL.

Trees, terrain, poles and transmission lines beginning 4814' from DER, 350' left of centerline, up to 67' AGL/1500' MSL.

CON'T

# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

## FAYETTEVILLE, AR (CON'T)

### DRAKE FLD (FYV) (CON'T)

**Rwy 16 (CON'T)**, tree and terrain beginning 5093' from DER, 1319' left of centerline, up to 70' AGL/1522' MSL.

Trees, terrain and buildings beginning 5180' from DER, 162' left of centerline, up to 1571' MSL.

Trees, terrain, building, poles, transmission lines, tower and vehicles on road beginning 5579' from DER, 165' left of centerline, up to 1606' MSL.

Trees, terrain, buildings, vehicles on road, poles, fences and transmission line beginning 1 NM from DER, 22' left of centerline, up to 1623' MSL.

Trees beginning 1.1 NM from DER, 14' right of centerline, up to 71' AGL/1459' MSL.

Trees beginning 1.3 NM from DER, 23' right of centerline, up to 77' AGL/1483' MSL.

**Rwy 34**, fence and terrain beginning on centerline, 218' left of centerline, up to 3' AGL/1256' MSL.

Vehicles on road, terrain, fence, electrical system and pole beginning 5' from DER, 197' left of centerline, up to 1269' MSL.

Tree 659' from DER, 588' right of centerline, 1280' MSL.

Tree 1170' from DER, 690' right of centerline, 42' AGL/1289' MSL.

Tree 1794' from DER, 329' right of centerline, 1302' MSL.

Tree 1836' from DER, 320' right of centerline, 54' AGL/1307' MSL.

Tree 2308' from DER, 752' right of centerline, 45' AGL/1321' MSL.

Tree 2459' from DER, 279' left of centerline, 71' AGL/1323' MSL.

Trees beginning 2514' from DER, 483' right of centerline, up to 37' AGL/1334' MSL.

Tree 2590' from DER, 802' right of centerline, 39' AGL/1336' MSL.

Trees beginning 2594' from DER, 353' left of centerline, up to 65' AGL/1324' MSL.

Trees, pole and transmission line beginning 2632' from DER, 418' right of centerline, up to 39' AGL/1360' MSL.

Tree 2661' from DER, 769' left of centerline, 85' AGL/1343' MSL.

Trees and terrain beginning 2844' from DER, 562' right of centerline, up to 38' AGL/1397' MSL.

Trees, poles, transmission lines and terrain beginning 3057' from DER, 627' right of centerline, up to 55' AGL/1445' MSL.

Terrain and tree beginning 3268' from DER, 750' right of centerline, up to 1496' MSL.

Trees, terrain, poles and transmission lines beginning 3317' from DER, 393' right of centerline, up to 42' AGL/1532' MSL.

Trees beginning 4198' from DER, 1051' right of centerline, up to 59' AGL/1423' MSL.

## FAYETTEVILLE/SPRINGDALE/ROGERS, AR

### NORTHWEST ARKANSAS NTL (XNA)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 4 05JAN17 (21112) (FAA)

DEPARTURE PROCEDURE:

**Rwy 34**, climb heading 339° to 1800 before turning left.

## FLIPPIN, AR

### MARION COUNTY RGNL (FLP)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 02MAR17 (17061) (FAA)

TAKEOFF MINIMUMS:

**Rwy 22**, 300-1% or std. w/ min. climb of 222' per NM to 900, or alternatively, with std. takeoff minimums and a normal 200' per NM gradient, takeoff must occur no later than 1600' prior to DER.

DEPARTURE PROCEDURE:

**Rwy 22**, climb heading 231° to 1600 before turning right.

TAKEOFF OBSTACLE NOTES:

**Rwy 4**, vehicle on road 2' from DER, 276' left of centerline, 10' AGL/733' MSL.

Vehicle on road 14' from DER, 494' right of centerline, 26' AGL/724' MSL.

Trees, poles, vehicle on road, beginning 153' from DER, 276' left of centerline, up to 71' AGL/799' MSL.

Trees, beginning 223' from DER, 325' right of centerline, up to 77' AGL/777' MSL.

Trees, beginning 491' from DER, 226' right of centerline, up to 81' AGL/781' MSL.

Trees, pole, beginning 725' from DER, 45' left of centerline, up to 73' AGL/800' MSL.

Trees, beginning 1492' from DER, 61' left of centerline, up to 83' AGL/809' MSL.

Trees, beginning 1827' from DER, 165' right of centerline, up to 78' AGL/793' MSL.

Trees, beginning 2266' from DER, 14' right of centerline, up to 66' AGL/803' MSL.

Trees, beginning 2430' from DER, 51' right of centerline, up to 99' AGL/804' MSL.

Trees, beginning 2633' from DER, 248' right of centerline, up to 98' AGL/809' MSL.

T-1 twr, beginning 3317' from DER, 1120' right of centerline, up to 100' AGL/819' MSL.

Tree 3334' from DER, 123' left of centerline, 85' AGL/818' MSL.

T-1 twr, pole, beginning 3781' from DER, 536' right of centerline, up to 100' AGL/840' MSL.

**Rwy 22**, vehicle on road 2' from DER, 244' left of centerline, 17' AGL/654' MSL.

Grd 2' from DER, 496' left of centerline, 675' MSL.

Tree 321' from DER, 458' left of centerline, 61' AGL/694' MSL.

Trees beginning 325' from DER, 198' left of centerline, up to 63' AGL/699' MSL.

Tree 369' from DER, 486' right of centerline, 24' AGL/669' MSL.

Pole beginning 369' from DER, 490' right of centerline, up to 25' AGL/671' MSL.

Building, pole beginning 387' from DER, 299' right of centerline, up to 26' AGL/672' MSL.

Buildings, trees, beginning 672' from DER, 99' right of centerline, up to 37' AGL/683' MSL.

Building, chy beginning 1095' from DER, 582' right of centerline, up to 57' AGL/701' MSL.

Trees beginning 1303' from DER, 26' right of centerline, up to 67' AGL/709' MSL.

Tree 1413' from DER, 18' left of centerline, 51' AGL/698' MSL.

Trees beginning 1619' from DER, 55' right of centerline, up to 63' AGL/713' MSL.

Tree, pole beginning 1673' from DER, 140' left of centerline, up to 63' AGL/732' MSL.

CON'T

# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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## FLIPPIN, AR

### MARION COUNTY RGNL (FLP)

**Rwy 22 (CON'T)**, trees beginning 2001' from DER, 195' right of centerline, up to 66' AGL/721' MSL.  
Tree, poles beginning 2099' from DER, 203' left of centerline, up to 71' AGL/746' MSL.  
Pole 2438' from DER, 744' left of centerline, 100' AGL/779' MSL.  
Trees beginning 2461' from DER, 25' left of centerline, up to 92' AGL/804' MSL.  
Trees beginning 2470' from DER, 330' right of centerline, up to 97' AGL/760' MSL.  
Trees beginning 2913' from DER, 18' right of centerline, up to 65' AGL/766' MSL.  
Trees beginning 3571' from DER, 55' right of centerline, up to 78' AGL/770' MSL.  
Tree 1 NM from DER, 836' right of centerline, 88' AGL/832' MSL.

## FORT SMITH, AR

### FORT SMITH RGNL (FSM)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 4A 02JUN11 (11153) (FAA)

##### TAKEOFF MINIMUMS:

**Rwy 1**, 300-1 or std. with a min. climb of 431' per NM to 800.  
**Rwy 7**, 300-1½ or std. with a min. climb of 261' per NM to 800.  
**Rwy 19**, 200-1¼ or std. w/ a min. climb of 226' per NM to 700, or alternatively, w/ std. takeoff minimums and a normal 200'/NM climb gradient, takeoff must occur no later than 1700' prior to DER.  
**Rwy 25**, 300-1 or std. w/ a min. climb of 351' per NM to 800.

##### DEPARTURE PROCEDURE:

**Rwy 1**, climb heading 016° to 2400 before turning left.  
**Rwy 25**, climb heading 256° to 1100 before turning right.

##### TAKEOFF OBSTACLE NOTES:

**Rwy 1**, terrain 56' from DER, 218' right of centerline, 0' AGL/449' MSL.  
Terrain 159' from DER, 354' left of centerline, 0' AGL/449' MSL.  
Light pole 1086' from DER, 287' left of centerline, 36' AGL/485' MSL.  
Tree 1495' from DER, 364' left of centerline, 60' AGL/509' MSL.  
Towers beginning 4315' from DER, 79' left of centerline, up to 109' AGL/619' MSL.  
Trees beginning 5136' from DER, 924' right of centerline, up to 100' AGL/679' MSL.  
Tower 4318' from DER, 1358' left of centerline, 96' AGL/621' MSL.  
**Rwy 7**, terrain 835' from DER, 678' left of centerline, 0' AGL/479' MSL.  
Trees beginning 3910' from DER, 1032' left of centerline, up to 57' AGL/556' MSL.  
Trees beginning 1.2 NM from DER, 1416' right of centerline, up to 100' AGL/699' MSL.  
Pole 1.2 NM from DER, 1572' right of centerline, 41' AGL/640' MSL.  
**Rwy 19**, vehicle and road 200' from DER, 200' left of centerline, 15' AGL/462' MSL.  
Railroad, 639' from DER, 313' left of centerline, 20' AGL/449' MSL.  
Tank 704' from DER, 518' left of centerline, 31' AGL/480' MSL.  
Railroad 751' from DER, 2' right of centerline, 22' AGL/471' MSL.  
Trees beginning 930' from DER, 211' left of centerline, up to 48' AGL/627' MSL.  
Tree 941' from DER, 97' right of centerline, 25' AGL/474' MSL.  
Pole 1949' from DER, 439' left of centerline, 42' AGL/501' MSL.  
Elevator 2106' from DER, 969' right of centerline, 86' AGL/536' MSL.  
**Rwy 25**, pole 1642' from DER, 734' right of centerline, 24' AGL/513' MSL.  
Trees beginning 1848' from DER, 690' right of centerline, up to 100' AGL/629' MSL.  
Tower 4981' from DER, 1376' left of centerline, 125' AGL/623' MSL.  
Tank 5628' from DER, 208' left of centerline, 101' AGL/610' MSL.

## FREDERICK, OK

### FREDERICK RGNL (FDR)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 23SEP10 (10266) (FAA)

##### TAKEOFF OBSTACLE NOTES:

**Rwy 3**, vehicles on road 425' from DER, 231' right of centerline, 15' AGL/1269' MSL.  
**Rwy 12**, vehicles on road 404' from DER, 229' left of centerline, 15' AGL/1254' MSL.

## GOLDSBY, OK

### DAVID JAY PERRY (1K4)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 25OCT07 (07298) (FAA)

##### TAKEOFF OBSTACLE NOTES:

**Rwy 13**, trees beginning 751' from DER, 481' left of centerline, up to 50' AGL/1209' MSL.  
Tree 982' from DER, 730' right of centerline, 50' AGL/1189' MSL.  
Terrain 101' from DER, 369' right of centerline, 1159' MSL.  
**Rwy 31**, tree 1624' from DER, 550' right of centerline, 50' AGL/1219' MSL.  
**Rwy 35**, tree 930' from DER, 45' left of centerline, 50' AGL/1199' MSL.  
Road 905' from DER, 18' left of centerline, 15' AGL/1194' MSL.

# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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## GROVE, OK

### GROVE MUNI (GMJ)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 25SEP08 (08269) (FAA)

#### TAKEOFF MINIMUMS:

**Rwy 18**, 200-1¼ or std. w/ min. climb of 271' per NM to 1100.

#### TAKEOFF OBSTACLE NOTES:

**Rwy 18**, building 308' from DER, 321' left of centerline, 13' AGL/842' MSL.

Multiple buildings beginning 11' from DER, 325' right of centerline, 22' AGL/851' MSL.

Windsock 118' from DER, 325' right of centerline, 22' AGL/851' MSL.

Light 165' from DER, 420' left of centerline, 24' AGL/863' MSL.

Vehicle on road 598' from DER, 619' left of centerline, 15' AGL/854' MSL.

Vehicle on road 590' from DER, 499' right of centerline, 15' AGL/844' MSL.

Trees and poles beginning 33' from DER, 12' left of centerline, up to 100' AGL/1019' MSL.

Trees and poles beginning 252' from DER, 13' right of centerline, up to 40' AGL/869' MSL.

**Rwy 36**, rising terrain beginning 30' from DER, 277' left of centerline, up to 826' MSL.

Pole 316' from DER, 521' left of centerline, 20' AGL/859' MSL.

Trees beginning 151' from DER, 54' left of centerline, up to 100' AGL/939' MSL.

Trees beginning 109' from DER, 49' right of centerline, up to 85' AGL/884' MSL.

## GUTHRIE, OK

### GUTHRIE-EDMOND RGNL (GOK)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 17DEC09 (09351) (FAA)

#### TAKEOFF OBSTACLE NOTES:

**Rwy 16**, trees beginning 54' from DER, 286' right of centerline, up to 44' AGL/1087' MSL.

## GUYMON, OK

### GUYMON MUNI (GUY)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1A 10SEP20 (20254) (FAA)

#### TAKEOFF MINIMUMS:

**Rwys 6, 24**, NA-environmental.

**Rwy 18**, 600-1¼ or std. w/ min. climb of 387' per NM to 3800.

#### DEPARTURE PROCEDURE:

**Rwy 18**, climb on heading 177° to 3800 before turning left.

#### TAKEOFF OBSTACLE NOTES:

**Rwy 18**, pole 155' from DER, 446' left of centerline, 30' AGL/3124' MSL.

Building 407' from DER, 463' right of centerline, 25' AGL/3131' MSL.

Tower 532' from DER, 484' right of centerline, 54' AGL/3157' MSL.

**Rwy 36**, fence 24' from DER, 400' right of centerline, 8' AGL/3110' MSL.

## HARRISON, AR

### BOONE COUNTY (HRO)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2A 26APR18 (18116) (FAA)

#### TAKEOFF MINIMUMS:

**Rwy 18**, 1400 - 3 or std. w/ min. climb of 320' per NM to 3200.

#### DEPARTURE PROCEDURE:

**Rwy 18**, climb on heading 182° to 2600 before turning.

#### TAKEOFF OBSTACLE NOTES:

**Rwy 18**, tree, vehicles on road, pole beginning 17' from DER, 482' right of centerline, up to 33' AGL/1396' MSL.

**Rwy 36**, vegetation, tree beginning 32' from DER, 444' left of centerline, up to 1367' MSL.

Fence 184' from DER, 498' left of centerline, 2' AGL/1369' MSL.

Tree 228' from DER, 545' left of centerline, 1378' MSL.

Tree 270' from DER, 524' right of centerline, 1376' MSL.

Tree 321' from DER, 520' left of centerline, 1379' MSL.

Trees beginning 448' from DER, 543' left of centerline, up to 1381' MSL.

Trees beginning 634' from DER, 333' left of centerline, up to 1384' MSL.

Tree 877' from DER, 365' left of centerline, 1388' MSL.

Tree 906' from DER, 334' left of centerline, 1394' MSL.

Trees beginning 969' from DER, 368' left of centerline, up to 1397' MSL.

Tree 1029' from DER, 368' left of centerline, 1399' MSL.

Trees beginning 1065' from DER, 186' left of centerline, up to 1403' MSL.

Trees beginning 1160' from DER, 217' left of centerline, up to 1405' MSL.

Tree 1576' from DER, 805' right of centerline, 1405' MSL.

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# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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## HEBER SPRINGS, AR

### HEBER SPRINGS MUNI (HBZ)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 10OCT19 (19283) (FAA)

##### TAKEOFF MINIMUMS:

**Rwy 6**, 500-3 or std. w/min. climb of 235' per NM to 1200.

##### DEPARTURE PROCEDURE:

**Rwy 24**, climb on heading 240° to 1200 before proceeding on course.

##### TAKEOFF OBSTACLE NOTES:

**Rwy 6**, trees beginning abeam DER, 190' right of centerline up to 80 AGL/700' MSL.

Trees beginning abeam DER, 240' left of centerline, up to 80' AGL/700' MSL.

Trees beginning 450' from DER, crossing runway extended centerline, up to 80 AGL/700' MSL.

**Rwy 24**, trees beginning abeam DER, 250' right of centerline up to 80 AGL/680' MSL.

Trees beginning abeam DER, 171' left of centerline, up to 80' AGL/680' MSL.

Trees beginning 500' from DER, crossing runway extended centerline, up to 80 AGL/660' MSL.

## HELENA/WEST HELENA, AR

### THOMPSON-ROBBINS (HEE)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 01FEB18 (18032) (FAA)

##### TAKEOFF MINIMUMS:

**Rwy 8**, 400-2½ or std. w/ min. climb of 250' per NM to 800.

##### TAKEOFF OBSTACLE NOTES:

**Rwy 8**, multiple trees beginning 1572' from DER, 29' right of centerline, up to 85' AGL/319' MSL.

Tree 1580' from DER, 95' left of centerline, 85' AGL/319' MSL.

Tower 2455' from DER, 1823' right of centerline, 238' AGL/621' MSL.

Tree 2569' from DER, 1077' right of centerline, 85' AGL/329' MSL.

Tree 2786' from DER, 1085' right of centerline, 85' AGL/334' MSL.

Tree 3169' from DER, 563' left of centerline, 85' AGL/339' MSL.

Multiple trees beginning 3386' from DER, 647' left of centerline, up to 85' AGL/344' MSL.

Multiple trees beginning 3653' from DER, 731' left of centerline, up to 85' AGL/349' MSL.

Multiple trees beginning 4046' from DER, 390' left of centerline, up to 85' AGL/354' MSL.

Tree 4255' from DER, 923' left of centerline, 85' AGL/359' MSL.

**Rwy 17**, terrain 23' from DER, 494' left of centerline, 240' MSL.

Tree 1017' from DER, 547' left of centerline, 50' AGL/287' MSL.

Tree 1886' from DER, 804' right of centerline, 103' AGL/316' MSL.

Multiple trees beginning 1953' from DER, 545' left of centerline, up to 84' AGL/299' MSL.

Multiple trees beginning 2490' from DER, 942' left of centerline, up to 83' AGL/315' MSL.

**Rwy 26**, tree 701' from DER, 309' left of centerline, 33' AGL/264' MSL.

Multiple trees beginning 712' from DER, 384' left of centerline, up to 59' AGL/287' MSL.

Multiple tree beginning 749' from DER, 277' right of centerline, up to 85' AGL/324' MSL.

Tree 3401' from DER, 235' right of centerline, 332' MSL.

**Rwy 35**, terrain 193' from DER, 490' right of centerline, 256' MSL.

Tree 213' from DER, 546' left of centerline, 46' AGL/270' MSL.

Multiple trees beginning 216' from DER, 468' left of centerline, up to 57' AGL/282' MSL.

Multiple trees beginning 932' from DER, 594' right of centerline, up to 64' AGL/306' MSL.

Tree 1590' from DER, 695' left of centerline, 69' AGL/294' MSL.

Multiple trees beginning 1843' from DER, 89' right of centerline, up to 66' AGL/307' MSL.

Tree 1920' from DER, 923' left of centerline, 77' AGL/304' MSL.

Multiple trees beginning 1935' from DER, 80' left of centerline, up to 95' AGL/323' MSL.

Multiple trees beginning 2251' from DER, 535' right of centerline, up to 89' AGL/331' MSL.

Tree 2502' from DER, 914' right of centerline, 100' AGL/340' MSL.

Multiple trees beginning 2537' from DER, 637' right of centerline, up to 106' AGL/347' MSL.

Tree 3155' from DER, 726' left of centerline, 104' AGL/330' MSL.

## HENRY POST AAF (KFSI)

### FORT SILL, OK

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 20JUN19 (19171)

##### DEPARTURE PROCEDURE:

**Rwy 36**, climb heading 356° to 2200 before turning left.

##### TAKEOFF OBSTACLE NOTES:

**Rwy 18**, tree 953' from DER, 668' right of cntrn, 1198' MSL.

Pole 1141' from DER, 783' right of cntrn, 43' AGL/1210' MSL.

Pole 1591' from DER, 859' right of cntrn, 54' AGL/1226' MSL.

Tree 2153' from DER, 38' left of cntrn, 1221' MSL.

Tree 2490' from DER, 294' right of cntrn, 1229' MSL.

# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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## HENRYETTA, OK

### HENRYETTA MUNI (F10)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3 29JUL10 (10210) (FAA)

TAKEOFF MINIMUMS:

**Rwy 36**, 500-3 or std. with a min. climb of 312' per NM to 1500.

DEPARTURE PROCEDURE:

**Rwy 36**, climb heading 356° to 1300 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

**Rwy 18**, numerous trees beginning 778' from DER, 177' left of centerline, up to 100' AGL/939' MSL.

Numerous trees beginning 335' from DER, 22' right of centerline, up to 100' AGL/959' MSL.

**Rwy 36**, tower 13139' from DER, 885' right of centerline, 318' AGL/1273' MSL.

Tower 8882' from DER, 6059' left of centerline, 33' AGL/1223' MSL.

## HINTON, OK

### HINTON MUNI (208)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 13JAN11 (11013) (FAA)

TAKEOFF OBSTACLE NOTES:

**Rwy 17**, vehicle on roadway at DER, 240' left of centerline, up to 15' AGL/1604' MSL.

Trees beginning 731' from DER, 516' left of centerline, up to 50' AGL/1639' MSL.

**Rwy 35**, vehicle on roadway at DER, 252' right of centerline, up to 15' AGL/1594' MSL.

## HOBART, OK

### HOBART RGNL (HBR)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1A 08NOV18 (18312) (FAA)

TAKEOFF MINIMUMS:

**Rwys 3, 21**, NA - environmental.

TAKEOFF OBSTACLE NOTES:

**Rwy 35**, terrain beginning 107' from DER, 185' left of centerline, 0' AGL/1549' MSL.

Terrain beginning 109' from DER, 63' right of centerline, 0' AGL/1549' MSL.

## HOLDENVILLE, OK

### HOLDENVILLE MUNI (F99)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG-A 10OCT19 (19283) (FAA)

DEPARTURE PROCEDURE:

**Rwy 35**, climb heading 354° to 1400 before turning right.

TAKEOFF OBSTACLE NOTES:

**Rwy 17**, trees beginning 120' from DER, 370' right of centerline, up to 871' MSL.

Trees and vehicles on road beginning 241' from DER, 426' right of centerline, up to 880' MSL.

Vegetation beginning 275' from DER, 255' left of centerline, up to 867' MSL.

Train on tracks 628' from DER, left and right of extended runway centerline, up to 23' AGL/882' MSL.

Vehicles on road beginning 640' from DER, left to right of extended runway centerline, up to 881' MSL.

Poles and power lines beginning 716' from DER, left to right of extended runway centerline, up to 34' AGL/889' MSL.

Trees and elevator beginning 727' from DER, 666' right of centerline, up to 903' MSL.

Poles and trees beginning 750' from DER, 522' left of centerline, up to 32' AGL/890' MSL.

**Rwy 35**, vegetation 195' from DER, 265' left of centerline, up to 871' MSL.

Pole 277' from DER, 543' right of centerline, 20' AGL/877' MSL.

Trees beginning 597' from DER, 520' right of centerline, up to 898' MSL.

Trees beginning 1214' from DER, 753' left of centerline, up to 909' MSL.

Trees beginning 1605' from DER, 525' right of centerline, up to 901' MSL.

## HOLLIS, OK

### HOLLIS MUNI (O35)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 19JUL18 (18200) (FAA)

DEPARTURE PROCEDURE:

**Rwy 18**, climb heading 175° to 2200 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

**Rwy 18**, terrain beginning 0' from DER, 7' right of centerline, up to 1660' MSL.

Fence beginning 4' from DER, 253' left of centerline, up to 5' AGL/1658' MSL.

Trees beginning 89' from DER, 254' left of centerline, up to 7' AGL/1659' MSL.

Pole beginning 989' from DER, 590' right of centerline, up to 53' AGL/1706' MSL.

Tower 4194' from DER, 1305' right of centerline, 130' AGL/1759' MSL.

**Rwy 36**, fence 0' from DER, 249' right of centerline, 6' AGL/1658' MSL.

Vehicles on road beginning 478' from DER, 152' left of centerline, up to 1672' MSL.

Vehicles on road beginning 482' from DER, 6' right of centerline, up to 1670' MSL.

# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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## HOPE, AR

### HOPE MUNI (M18)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 13NOV14 (14317) (FAA)

#### TAKEOFF OBSTACLE NOTES:

- Rwy 4**, trees beginning 1776' from DER, 422' left of centerline, up to 100' AGL/469' MSL.
- Trees and poles beginning 1930' from DER, 99' right of centerline, up to 100' AGL/469' MSL.
- Pole 2256' from DER, 24' right of centerline, 65' AGL/434' MSL.
- Trees and poles beginning 2345' from DER, 152' left of centerline, up to 100' AGL/489' MSL.
- Rwy 22**, trees beginning abeam DER, 500' right of centerline, up to 100' AGL/439' MSL.
- Tree 117' from DER, 211' right of centerline, 100' AGL/429' MSL.
- Trees beginning 164' from DER, 10' right of centerline, up to 100' AGL/429' MSL.
- Trees beginning 51' from DER, 211' left of centerline, up to 100' AGL/429' MSL.
- Trees beginning 325' from DER, 45' left of centerline, up to 100' AGL/429' MSL.
- Rwy 16**, trees beginning 1066' from DER, 722' right of centerline, up to 100' AGL/439' MSL.
- Trees beginning 1427' from DER, 843' left of centerline, up to 100' AGL/439' MSL.
- Rwy 34**, bush 39' from DER, 162' left of centerline, 10' AGL/369' MSL.
- Fence 154' from DER, 474' right of centerline, 11' AGL/371' MSL.
- Tree 565' from DER, 609' left of centerline, 100' AGL/479' MSL.
- Trees beginning 897' from DER, 708' left of centerline, up to 100' AGL/479' MSL.
- Tree 1002' from DER, 748' right of centerline, 100' AGL/479' MSL.
- Trees beginning 1023' from DER, 513' right of centerline, up to 100' AGL/479' MSL.

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## HORSEHOE BEND, AR

### HORSEHOE BEND (6M2)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 05JAN17 (17005) (FAA)

#### TAKEOFF MINIMUMS:

**Rwy 13**, 300-1¼.

**Rwy 31**, 300-1.

#### TAKEOFF OBSTACLE NOTES:

- Rwy 13**, trees beginning 12' from DER, 264' right of centerline, up to 125' AGL/884' MSL.
- Trees beginning 15' from DER, 73' left of centerline, up to 125' AGL/944' MSL.
- Rwy 31**, trees beginning 10' from DER, 213' left of centerline, up to 125' AGL/924' MSL.
- Vehicles on road beginning 17' from DER, 277' left of centerline crossing extended runway centerline, up to 15' AGL/894' MSL.
- Trees beginning 331' from DER, 193' left of centerline, up to 125' AGL/944' MSL.
- Trees beginning 447' from DER, 291' right of centerline, up to 125' AGL/944' MSL.
- Trees beginning 644' from DER, 141' left of centerline, up to 125' AGL/964' MSL.
- Trees beginning 699' from DER, 310' right of centerline, up to 125' AGL/964' MSL.
- Trees beginning 802' from DER, 607' right of centerline, up to 125' AGL/984' MSL.
- Trees beginning 969' from DER, 51' right of centerline, up to 125' AGL/1004' MSL.
- Trees beginning 1001' from DER, 188' left of centerline, up to 125' AGL/984' MSL.
- Trees beginning 1359' from DER, 437' right of centerline, up to 125' AGL/1024' MSL.

## HOT SPRINGS, AR

### MEMORIAL FIELD (HOT)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 7 15AUG19 (19227) (FAA)

#### TAKEOFF MINIMUMS:

**Rwy 5**, 600-2½ or std. w/min. climb of 382' per NM to 1300 or 1600-3 for VCOA.

**Rwy 13**, 300-2¼ or std. w/min. climb of 210' per NM to 900 or alternately, with std. takeoff minimums and normal 200' per NM climb gradient, takeoff must occur no later than 1500' prior to DER.

**Rwy 31**, 400-1¼ or std. w/min. climb of 433' per NM to 1100.

#### DEPARTURE PROCEDURE:

**Rwy 5**, climb on heading 053° to 2000 before turning westbound.

**Rwy 13**, climb on heading 133° to 1700 before proceeding on course.

**Rwy 23**, climb on heading 233° to 1500 before proceeding on course.

**Rwy 31**, climb on heading 313° to 1800 before turning right.

#### TAKEOFF OBSTACLE NOTES:

- Rwy 5**, tree, vegetation and rising terrain beginning 2' from DER, 452' right of centerline, up to 550' MSL.
- Tree 646' from DER, 565' right of centerline, 590' MSL.
- Trees beginning 671' from DER, 507' right of centerline, up to 592' MSL.
- Trees beginning 1041' from DER, 671' left of centerline, up to 59' AGL/626' MSL.
- Trees beginning 1227' from DER, 485' right of centerline, up to 595' MSL.
- Tree and NAVAID beginning 1554' from DER, 300' left of centerline, up to 641' MSL.
- Trees, pole and spire beginning 1886' from DER, 68' left of centerline, up to 654' MSL.
- Tree 3500' from DER, 550' right of centerline, 654' MSL.
- Tree and tower beginning 3537' from DER, 715' right of centerline, up to 79' AGL/661' MSL.
- Tree 4466' from DER, 734' left of centerline, 687' MSL.
- Tower and tree beginning 1.1 NM from DER, 1110' left of centerline, up to 92' AGL/24' MSL.
- Trees beginning 1.9 NM DER, 3374' left of centerline, up to 62' AGL/1096' MSL.

CON'T

# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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SC-1, 22 APR 2021 to 17 JUN 2021

SC-1, 22 APR 2021 to 17 JUN 2021

# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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## HOT SPRINGS, AR (CON'T)

### MEMORIAL FIELD (HOT) (CON'T)

**Rwy 13**, traverse way 84' from DER, 437' right of centerline, 512' MSL.  
 Tree 166' from DER, 524' right of centerline, 49' AGL/534' MSL.  
 Tree 177' from DER, 350' right of centerline, 45' AGL/542' MSL.  
 Trees beginning 220' from DER, 307' right of centerline, up to 53' AGL/545' MSL.  
 Trees beginning 264' from DER, 474' left of centerline, up to 68' AGL/573' MSL.  
 Trees beginning 317' from DER, 94' left of centerline, up to 574' MSL.  
 Trees beginning 434' from DER, 7' right of centerline, up to 63' AGL/546' MSL.  
 Trees beginning 1749' from DER, 70' right of centerline, up to 84' AGL/588' MSL.  
 Trees beginning 2128' from DER, 48' left of centerline, up to 85' AGL/579' MSL.  
 Tree 2547' from DER, 809' left of centerline, 74' AGL/587' MSL.  
 Trees beginning 2611' from DER, 544' right of centerline, up to 79' AGL/601' MSL.  
 Tree 2664' from DER, 1013' left of centerline, 77' AGL/591' MSL.  
 Tree 2780' from DER, 731' right of centerline, 75' AGL/603' MSL.  
 Tree 2902' from DER, 1188' left of centerline, 79' AGL/606' MSL.  
 Tree and pole beginning 3043' from DER, 17' right of centerline, up to 66' AGL/616' MSL.  
 Tree 3063' from DER, 53' left of centerline, 71' AGL/622' MSL.  
 Tree and pole beginning 3175' from DER, 77' left of centerline, up to 80' AGL/630' MSL.  
 Poles beginning 3228' from DER, 261' left of centerline, up to 71' AGL/631' MSL.  
 Trees beginning 3296' from DER, 36' right of centerline, up to 76' AGL/624' MSL.  
 Tree 3450' from DER, 511' left of centerline, 71' AGL/636' MSL.  
 Tower 1.8 NM from DER, 2044' left of centerline, 355' AGL/802' MSL.  
 Antenna 1.8 NM from DER, 2088' left of centerline, 319' AGL/804' MSL.  
**Rwy 23**, tree 22' from DER, 314' left of centerline, 29' AGL/510' MSL.  
 Tree 606' from DER, 636' right of centerline, 546' MSL.  
**Rwy 31**, trees beginning 12' from DER, 136' left of centerline, up to 73' AGL/564' MSL.  
 Trees and pole beginning 330' from DER, 113' left of centerline, up to 75' AGL/577' MSL.  
 Traverse way 451' from DER, 13' right of centerline, 534' MSL.  
 Trees beginning 472' from DER, 111' right of centerline, up to 52' AGL/575' MSL.  
 Trees and pole beginning 671' from DER, 137' left of centerline, up to 66' AGL/580' MSL.  
 Trees beginning 888' from DER, 71' right of centerline, up to 82' AGL/581' MSL.  
 Trees beginning 1002' from DER, 136' right of centerline, up to 73' AGL/585' MSL.  
 Trees beginning 1017' from DER, 155' left of centerline, up to 68' AGL/588' MSL.  
 Tree 1488' from DER, 736' left of centerline, 58' AGL/592' MSL.  
 Tree 2975' from DER, 764' left of centerline, 65' AGL/610' MSL.  
 Tree 3109' from DER, 439' left of centerline, 69' AGL/614' MSL.  
 Trees beginning 3193' from DER, 68' right of centerline, up to 69' AGL/639' MSL.  
 Tree 3752' from DER, 320' left of centerline, 83' AGL/646' MSL.  
 Tree 4785' from DER, 1740' right of centerline, 88' AGL/669' MSL.  
 Tree 5806' from DER, 1427' right of centerline, 61' AGL/677' MSL.  
 Building 1 NM from DER, 1897' right of centerline, 53' AGL/724' MSL.  
 Traverse way and building beginning 1.1 NM from DER, 1503' right of centerline, up to 886' MSL.

## HUGO, OK

### STAN STAMPER MUNI (HHW)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 20OCT11 (11293) (FAA)

#### TAKEOFF OBSTACLE NOTES:

**Rwy 17**, trees beginning 686' from DER, 32' right of centerline, up to 100' AGL/660' MSL.  
**Rwy 35**, trees beginning 411' from DER, 264' left of centerline, up to 100' AGL/665' MSL.  
 Trees beginning 1507' from DER, 61' right of centerline, up to 100' AGL/662' MSL.

## HUNTSVILLE, AR

### HUNTSVILLE MUNI (H34)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 27JUN13 (13178) (FAA)

#### TAKEOFF OBSTACLE NOTES:

**Rwy 12**, pole 46' from DER, 408' left of centerline, 45' AGL/1759' MSL.  
 Pole 175' from DER, 504' left of centerline, 47' AGL/1756' MSL.  
 Tree 2685' from DER, 841' right of centerline, 80' AGL/1822' MSL.  
 Tree 3201' from DER, 726' right of centerline, 100' AGL/1866' MSL.  
**Rwy 30**, tree 20' from DER, 362' right of centerline, 61' AGL/1764' MSL.

## IDABEL, OK

### MC CURTAIN COUNTY RGNL(404)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 23JAN03 (03023) (FAA)

#### TAKEOFF OBSTACLE NOTES:

**Rwy 2**, trees 1.92 NM from DER, on centerline, 100' AGL/629' MSL.

# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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## JONESBORO, AR

JONESBORO MUNI (JBR)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3 07MAR13 (13066) (FAA)

TAKEOFF MINIMUMS:

**Rwy 31**, NA-obstacles.

TAKEOFF OBSTACLE NOTES:

**Rwy 13**, trees beginning 356' from DER, 188' right of centerline, up to 75' AGL/304' MSL.

Pole 1214' from DER, 341' right of centerline, 40' AGL/291' MSL.

Railroad, trees, and pole beginning 600' from DER, 10' left of centerline, up to 75' AGL/302' MSL.

**Rwy 23**, trees beginning 2600' from DER, 457' right centerline, up to 75' AGL/343' MSL.

Trees beginning 1588' from DER, 721' left of centerline, up to 75' AGL/339' MSL.

**Rwy 5**, trees beginning 873' from DER, 458' right of centerline, up to 75' AGL/304' MSL.

Trees beginning 1226' from DER, 558' left of centerline, up to 75' AGL/315' MSL.

## KETCHUM, OK

SOUTH GRAND LAKE RGNL (1K8)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 21JUL16 (16203) (FAA)

TAKEOFF MINIMUMS:

**Rwy 36**, 300-1/4 or std. w/min. climb of 453' per NM to 1200.

DEPARTURE PROCEDURE:

**Rwy 18**, climb on heading 178° to 1400 before turning left.

**Rwy 36**, climb on heading 358° to 1400 before turning left.

TAKEOFF OBSTACLE NOTES:

**Rwy 18**, tree, bush beginning 58' from DER, 42' right of centerline, up to 789' MSL.

Vehicles on road beginning 274' from DER, 199' right of centerline, up to 796' MSL.

Vehicles on road beginning 275' from DER, 13' right of centerline, up to 797' MSL.

Pole 294' from DER, 125' right of centerline, 21' AGL/803' MSL.

Pole 300' from DER, 442' right of centerline, 813' MSL.

Tree, pole beginning 410' from DER, 22' right of centerline, up to 820' MSL.

Tree 1416' from DER, 717' right of centerline, 823' MSL.

Tree 1429' from DER, 541' right of centerline, 827' MSL.

Trees beginning 1477' from DER, 8' right of centerline, up to 60' AGL/829' MSL.

Trees beginning 1710' from DER, 15' right of centerline, up to 60' AGL/830' MSL.

Tree 2972' from DER, 839' right of centerline, 859' MSL.

Tree, vehicles on road, pole, post beginning 75' from DER, 10' left of centerline, up to 44' AGL/824' MSL.

Trees beginning 792' from DER, 544' left of centerline, up to 828' MSL.

Tree 1052' from DER, 634' left of centerline, 835' MSL.

Trees beginning 1089' from DER, 137' left of centerline, up to 840' MSL.

Trees beginning 1405' from DER, 54' left of centerline, up to 842' MSL.

Trees beginning 1500' from DER, 62' left of centerline, up to 844' MSL.

Trees beginning 1600' from DER, 16' left of centerline, up to 846' MSL.

Trees beginning 1734' from DER, 87' left of centerline, up to 853' MSL.

Tree 2282' from DER, 981' left of centerline, 855' MSL.

Tree 2309' from DER, 1108' left of centerline, 858' MSL.

**Rwy 36**, tree, terrain beginning 4728' from DER, on centerline, up to 39' AGL/985' MSL.

Bush 28' from DER, 82' right of centerline, 8' AGL/787' MSL.

Tree 55' from DER, 290' right of centerline, 795' MSL.

Tree, vehicles on road beginning 185' from DER, 27' right of centerline, up to 298' MSL.

Tree 292' from DER, 297' right of centerline, 816' MSL.

Trees beginning 293' from DER, 33' right of centerline, up to 818' MSL.

Trees beginning 629' from DER, 31' right of centerline, up to 36' AGL/820' MSL.

Tree 741' from DER, 145' right of centerline, 41' AGL/827' MSL.

Trees beginning 785' from DER, 2' right of centerline, up to 43' AGL/829' MSL.

Tree 1413' from DER, 525' right of centerline, 836' MSL.

Trees beginning 1529' from DER, 425' right of centerline, up to 845' MSL.

Tree 2457' from DER, 1093' right of centerline, 856' MSL.

Trees beginning 2612' from DER, 8' right of centerline, up to 861' MSL.

Trees beginning 2897' from DER, 60' right of centerline, up to 862' MSL.

Tree 2990' from DER, 387' right of centerline, 55' AGL/872' MSL.

Tree 3031' from DER, 260' right of centerline, 57' AGL/879' MSL.

Trees beginning 3127' from DER, 113' right of centerline, up to 71' AGL/892' MSL.

Trees beginning 3427' from DER, 9' right of centerline, up to 64' AGL/897' MSL.

Tree 3843' from DER, 170' right of centerline, 40' AGL/899' MSL.

Trees beginning 3846' from DER, 56' right of centerline, up to 59' AGL/912' MSL.

Trees beginning 3932' from DER, 18' right of centerline, up to 50' AGL/913' MSL.

Trees beginning 4065' from DER, 144' right of centerline, up to 49' AGL/918' MSL.

Trees beginning 4072' from DER, 26' right of centerline, up to 47' AGL/920' MSL.

Trees beginning 4144' from DER, 19' right of centerline, up to 62' AGL/929' MSL.

Tree, bush beginning 4223' from DER, 69' right of centerline, up to 63' AGL/943' MSL.

Tree, bush, terrain beginning 4422' from DER, 36' right of centerline, up to 56' AGL/945' MSL.

Tree, bush, terrain beginning 4619' from DER, 51' right of centerline, up to 58' AGL/968' MSL.

Tree 4709' from DER, 344' right of centerline, 58' AGL/977' MSL.

CON'T

# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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## KETCHUM, OK (CON'T)

### SOUTH GRAND LAKE RGNL (1K8) (CON'T)

**Rwy 36 (CON'T)**, trees beginning 4833' from DER, 99' right of centerline, up to 44' AGL/998' MSL.

Trees beginning 4902' from DER, 229' right of centerline, up to 63' AGL/1009' MSL.

Tree, terrain beginning 4933' from DER, 26' right of centerline, up to 57' AGL/1013' MSL.

Trees beginning 4982' from DER, 97' right of centerline, up to 39' AGL/1019' MSL.

Tree, bush, terrain beginning 5020' from DER, 64' right of centerline, up to 40' AGL/1020' MSL.

Tree, terrain, bush beginning 5223' from DER, 4' right of centerline, up to 51' AGL/1026' MSL.

Tree 1 NM from DER, 1132' right of centerline, 947' MSL.

Tree, bush beginning 2' from DER, 122' left of centerline, up to 800' MSL.

Tree, terrain, bush, fence, vehicles on road beginning 109' from DER, 3' left of centerline, up to 36' AGL/833' MSL.

Tree, terrain, driveway beginning 388' from DER, 2' left of centerline, up to 845' MSL.

Trees beginning 1490' from DER, 41' left of centerline, up to 48' AGL/846' MSL.

Trees beginning 1582' from DER, 13' left of centerline, up to 47' AGL/848' MSL.

Tree 1640' from DER, 65' left of centerline, 48' AGL/849' MSL.

Tree 1699' from DER, 131' left of centerline, 47' AGL/851' MSL.

Tree, terrain beginning 1704' from DER, 25' left of centerline, up to 45' AGL/857' MSL.

Tree, pole, terrain beginning 1881' from DER, 83' left of centerline, up to 44' AGL/859' MSL.

Tree, terrain beginning 1986' from DER, 103' left of centerline, up to 56' AGL/866' MSL.

Trees beginning 2210' from DER, 175' left of centerline, up to 56' AGL/868' MSL.

Trees beginning 2379' from DER, 220' left of centerline, up to 53' AGL/870' MSL.

Tree, pole beginning 2477' from DER, 304' left of centerline, up to 876' MSL.

Trees beginning 2641' from DER, 366' left of centerline, up to 58' AGL/884' MSL.

Tree, pole beginning 2709' from DER, 112' left of centerline, up to 891' MSL.

Trees beginning 2931' from DER, 35' left of centerline, up to 928' MSL.

Trees beginning 3043' from DER, 163' left of centerline, up to 929' MSL.

Trees beginning 3213' from DER, 286' left of centerline, up to 942' MSL.

Tree, pole beginning 3329' from DER, 168' left of centerline, up to 958' MSL.

Tree 3426' from DER, 1210' left of centerline, 965' MSL.

Trees beginning 3427' from DER, 154' left of centerline, up to 969' MSL.

Trees beginning 3533' from DER, 66' left of centerline, up to 988' MSL.

Trees beginning 3680' from DER, 12' left of centerline, up to 997' MSL.

Tree, bush beginning 4265' from DER, 47' left of centerline, up to 998' MSL.

Tree, bush beginning 4325' from DER, 267' left of centerline, up to 1008' MSL.

Tree, bush beginning 4351' from DER, 95' left of centerline, up to 1013' MSL.

Tree, bush beginning 4393' from DER, 30' left of centerline, up to 1017' MSL.

Trees beginning 4466' from DER, 376' left of centerline, up to 1024' MSL.

Tree, terrain, bush beginning 4485' from DER, 50' left of centerline, up to 1022' MSL.

Tree, bush, terrain beginning 4602' from DER, 11' left of centerline, up to 1025' MSL.

Tree, terrain beginning 4682' from DER, 84' left of centerline, up to 1030' MSL.

Tree, terrain beginning 4797' from DER, 143' left of centerline, up to 1032' MSL.

Tree, terrain, bush, trnsn towers beginning 4880' from DER, 4' left of centerline, up to 1033' MSL.

## LAKE VILLAGE, AR

### LAKE VILLAGE MUNI (M32)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 02MAR17 (17061) (FAA)

#### TAKEOFF OBSTACLE NOTES:

**Rwy 1**, tree 18' from DER, 187' left of centerline, 15' AGL/141' MSL.

Rising terrain 18' from DER, 47' right of centerline, 126' MSL.

Trees, beginning 125' from DER, 159' left of centerline, up to 79' AGL/204' MSL.

Trees, beginning 1010' from DER, 387' right of centerline, up to 66' AGL/192' MSL.

**Rwy 19**, rising terrain 14' from DER, 221' left of centerline, 127' MSL.

Bush 24' from DER, 194' right of centerline, 6' AGL/131' MSL.

Catenary, bush, and vehicles on road beginning 96' from DER, left and right of centerline, up to 29' AGL/154' MSL.

Poles, buildings, antenna, and vehicles on road beginning 216' from DER, 191' left of centerline, up to 33' AGL/157' MSL.

Trees beginning 691' from DER, 221' right of centerline, 58' AGL/179' MSL.

Tree and poles beginning 961' from DER, left and right of centerline, up to 65' AGL/183' MSL.

Trees, antenna, and pole beginning 1055' from DER, left and right of centerline, up to 72' AGL/186' MSL.

Trees beginning 1405' from DER, 212' right of centerline, up to 69' AGL/189' MSL.

Trees and antenna beginning 1636' from DER, left and right of centerline, up to 74' AGL/199' MSL.

Trees beginning 1714' from DER, left and right of centerline, up to 82' AGL/207' MSL.

Trees beginning 2210' from DER, left and right of centerline, up to 91' AGL/212' MSL.

## LAWTON, OK

### LAWTON-FT SILL RGNL (LAW)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 11FEB10 (10042) (FAA)

#### TAKEOFF OBSTACLE NOTES:

**Rwy 17**, tree 1709' from DER, 870' left of centerline, 60' AGL/1119' MSL.

Tree 918' from DER, 733' right of centerline, 31' AGL/1098' MSL.

**Rwy 35**, tree 2377' from DER, 802' left of centerline, 60' AGL/1179' MSL.

# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

21112

## LITTLE ROCK, AR

### BILL AND HILLARY CLINTON NTL/ADAMS FLD (LIT)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 9 19JUL18 (21112) (FAA)

##### TAKEOFF MINIMUMS:

**Rwy 18**, 200-1¼ or std. w/min. climb of 385' per NM to 500.

**Rwy 22L**, 200-1¼ or std. w/min. climb of 222' per NM to 500.

**Rwy 22R**, 300-2 or std. w/min. climb of 337' per NM to 800.

##### DEPARTURE PROCEDURE:

**Rwy 22R**, climb heading 227° to 1100 before turning right.

**Rwy 36**, climb heading 002° to 800 before turning left.

##### TAKEOFF OBSTACLE NOTES:

**Rwy 18**, fence and railroad beginning 488' from DER, 537' right of centerline, up to 32' AGL/282' MSL.

Tree 1146' from DER, 376' left of centerline, 294' MSL.

Tree, and railroad beginning 1184' from DER, 18' left of centerline, up to 303' MSL.

Tree 1473' from DER, 149' right of centerline, 295' MSL.

Tree 1902' from DER, 423' right of centerline, 313' MSL.

Vehicles on road 2036' from DER, 177' left of centerline, 313' MSL.

Tree 2352' from DER, 466' right of centerline, 342' MSL.

Trees beginning 2441' from DER, 217' left of centerline, up to 364' MSL.

Tree 2726' from DER, 154' left of centerline, 374' MSL.

Tree 2779' from DER, 131' right of centerline, 361' MSL.

Tree 3113' from DER, 478' left of centerline, 390' MSL.

Tree 3176' from DER, 291' right of centerline, 399' MSL.

Tree 3230' from DER, 805' right of centerline, 407' MSL.

Tree 3249' from DER, 589' left of centerline, 396' MSL.

Tree 3287' from DER, 802' left of centerline, 399' MSL.

Tree 3701' from DER, 760' right of centerline, 424' MSL.

Tree 3701' from DER, 617' left of centerline, 401' MSL.

Trees beginning 3856' from DER, 142' right of centerline, up to 429' MSL.

Tree 3945' from DER, 367' right of centerline, 433' MSL.

Tree, elevator and stack beginning 3998' from DER, 74' right of centerline, up to 437' MSL.

Tree 1.1 NM from DER, 2111' right of centerline, 459' MSL.

**Rwy 22L**, tree and building beginning 780' from DER, 417' left of centerline, up to 315' MSL.

Pole 979' from DER, 502' right of centerline, 36' AGL/295' MSL.

Tower 1828' from DER, 884' left of centerline, 49' AGL/337' MSL.

Pole 2128' from DER, 754' left of centerline, 72' AGL/342' MSL.

Tree 2278' from DER, 174' left of centerline, 343' MSL.

Tree 2490' from DER, 890' left of centerline, 361' MSL.

Tree and pole beginning 2511' from DER, 854' left of centerline, up to 376' MSL.

Trees beginning 4726' from DER, 1584' right of centerline, up to 399' MSL.

Tree 5149' from DER, 1422' right of centerline, 401' MSL.

Tree 5816' from DER, 1831' right of centerline, 425' MSL.

Tree 5878' from DER, 1931' right of centerline, 429' MSL.

Tree 6019' from DER, 1946' right of centerline, 433' MSL.

**Rwy 22R**, building 348' from DER, 478' right of centerline, 17' AGL/267' MSL.

Vehicles on road 458' from DER, 536' right of centerline, 268' MSL.

Railroad 646' from DER, 570' right of centerline, 274' MSL.

Fence 818' from DER, 215' right of centerline, 32' AGL/282' MSL.

Pole 946' from DER, 453' right of centerline, 37' AGL/287' MSL.

Railroad 968' from DER, 730' left of centerline, 285' MSL.

Building 1167' from DER, 420' right of centerline, 40' AGL/291' MSL.

Tree 1235' from DER, 759' left of centerline, 295' MSL.

Pole 1460' from DER, 101' right of centerline, 42' AGL/293' MSL.

Tree 1732' from DER, 869' left of centerline, 313' MSL.

Tree 1848' from DER, 2729' left of centerline, 499' MSL.

Tree 1970' from DER, 356' right of centerline, 311' MSL.

Tree 2871' from DER, 405' right of centerline, 325' MSL.

Trees beginning 4377' from DER, 1170' left of centerline, up to 437' MSL.

Tree 6030' from DER, 1611' left of centerline, 456' MSL.

Tree 1.4 NM from DER, 2729' left of centerline, 499' MSL.

Tree 1.5 NM from DER, 2629' left of centerline, 512' MSL.

Tree 1.6 NM from DER, 2621' left of centerline, 66' AGL/508' MSL.

**Rwy 36**, trees beginning 243' from DER, 541' right of centerline, up to 347' MSL.

Tower 568' from DER, 504' left of centerline, 60' AGL/313' MSL.

Tree and pole beginning 747' from DER, 2' left of centerline, up to 345' MSL.

Tree and pole beginning 1074' from DER, 196' right of centerline, up to 354' MSL.

Tree 3789' from DER, 492' left of centerline, 367' MSL.

Tree 3918' from DER, 546' right of centerline, 369' MSL.

Tower 1.9 NM from DER, 2637' left of centerline, 312' AGL/558' MSL.

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# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

21112

## LITTLE ROCK AFB (KLRF)

JACKSONVILLE, AR

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

14FEB08 (08045)

DEPARTURE PROCEDURE:

**Rwy 25**, cross DER at least 13' AGL/299 MSL. 467' (80' AGL) trees, 6528' from DER, 2248' left of centerline.

TAKEOFF OBSTACLES:

**Rwy 7**, Multiple trees up to 80' AGL/367' MSL, 1045' from DER, 724' right of centerline.

Multiple trees up to 80' AGL/370' MSL, 1433' from DER, 674' left of centerline.

**Rwy 7** (Assault Strip): Terrain 299' MSL, 26' from DER, 337' left of centerline.

Terrain 292' MSL, 32' from DER, 413' right of centerline.

Multiple trees 80' AGL/384' MSL, 1882' from DER, 536' left of centerline.

Multiple trees 80' AGL/367' MSL, 2960' from DER, 1174' right of centerline.

**Rwy 25**: Multiple trees 80' AGL/364' MSL, 1006' from DER, 722' right of centerline.

Multiple trees 80' AGL/400' MSL, 4200' from DER, 757' left of centerline.

**Rwy 25** (Assault Strip): Terrain 312' MSL, 4' from DER, 372' right of centerline.

Multiple trees 80' AGL/436' MSL, 1387' from DER, 840' right of centerline.

## MADILL, OK

MADILL MUNI (1F4)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 20OCT11 (11293) (FAA)

DEPARTURE PROCEDURE:

**Rwy 18**, climb heading 190° to 3100 before turning left.**Rwy 36**, climb heading 360° to 1600 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

**Rwy 18**, trees across centerline beginning 713' from DER, up to 50' AGL/920' MSL.**Rwy 36**, trees beginning 432' from DER, 139' left of centerline, up to 50' AGL/890' MSL.

Trees beginning 817' from DER, 110' right of centerline, up to 50' AGL/890' MSL.

## MAGNOLIA, AR

RALPH C WEISER FIELD (AGO)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1B 14SEP17 (17257)

TAKEOFF OBSTACLE NOTES:

**Rwy 18**, ground 27' from DER, 389' right of centerline, 321' MSL.

Tree, ground beginning 85' from DER, 150' right of centerline, up to 8' AGL/326' MSL.

Oil pole 340' from DER, 180' left of centerline, 333' MSL.

Bush beginning 511' from DER, 185' right of centerline, up to 336' MSL.

Tree 1189' from DER, 797' right of centerline, 379' MSL.

Trees beginning 1290' from DER, 720' right of centerline, up to 387' MSL.

Tree 1337' from DER, 851' left of centerline, 372' MSL.

Trees beginning 1628' from DER, 837' left of centerline, up to 374' MSL.

Tree 1725' from DER, 738' right of centerline, 392' MSL.

Trees beginning 1780' from DER, 247' right of centerline, up to 409' MSL.

Trees beginning 1825' from DER, 880' left of centerline, up to 378' MSL.

Tree 2023' from DER, 1009' left of centerline, 381' MSL.

Pole 2035' from DER, 900' left of centerline, 383' MSL.

Trees beginning 2179' from DER, 871' left of centerline, up to 386' MSL.

Treeline beginning 2596' from DER, 94' right of centerline, up to 329' AGL/429' MSL.

Trees beginning 2642' from DER, 49' left of centerline, up to 112' AGL/455' MSL.

Trees beginning 2705' from DER, 13' right of centerline, up to 432' MSL.

Trees beginning 2872' from DER, 8' right of centerline, up to 441' MSL.

Water tower 5118' from DER, 1444' right of centerline, 135' AGL/459' MSL.

**Rwy 36**, NT REIL 9' from DER, 89' right of centerline, 302' MSL.

NT REIL 10' from DER, 90' left of centerline, 3' AGL/303' MSL.

Trees beginning 278' from DER, 351' right of centerline, up to 354' MSL.

Trees beginning 633' from DER, 374' left of centerline, up to 371' MSL.

Trees beginning 842' from DER, 34' left of centerline, up to 385' MSL.

Trees beginning 2121' from DER, 295' right of centerline, up to 361' MSL.

Tree 2271' from DER, 118' right of centerline, 362' MSL.

Tree 2347' from DER, 1033' right of centerline, 363' MSL.

Tree 2376' from DER, 754' right of centerline, 363' MSL.

Tree 2431' from DER, 498' right of centerline, 367' MSL.

Trees beginning 2481' from DER, 221' right of centerline, up to 376' MSL.

Trees beginning 2719' from DER, 146' right of centerline, up to 383' MSL.

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SC-1, 22 APR 2021 to 17 JUN 2021

# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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## MALVERN, AR

### MALVERN MUNI (M78)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 10MAY07 (07130) (FAA)

#### TAKEOFF OBSTACLE NOTES:

**Rwy 4**, multiple trees beginning 456' from DER, 1' left of centerline, up to 100' AGL/649' MSL.

Multiple trees beginning 456' from DER, 1' right of centerline, up to 100' AGL/649' MSL.

**Rwy 22**, multiple trees and power lines beginning 241' from DER, 1' left of centerline, up to 75' AGL/604' MSL.

Multiple trees and power lines beginning 241' from DER, 1' right of centerline, up to 75' AGL/604' MSL.

## MANGUM, OK

### SCOTT FIELD (2K4)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 10MAR11 (11069) (FAA)

#### TAKEOFF OBSTACLE NOTES:

**Rwy 17**, vehicle on road 1240' from DER, left to right of centerline, 15' AGL/1694' MSL.

Multiple trees 977' from DER, 33' right of centerline, 100' AGL/1779' MSL.

**Rwy 35**, vehicle on road 632' from DER, left to right of centerline, 15' AGL/1644' MSL.

## MANILA, AR

### MANILA MUNI (MXA)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 19SEP13 (13262) (FAA)

#### TAKEOFF OBSTACLE NOTES:

**Rwy 18**, pole 140' from DER, 440' right of centerline, 26' AGL/266' MSL.

Pole 529' from DER, 449' right of centerline, 39' AGL/279' MSL.

Tank 211' from DER, 190' left of centerline, 13' AGL/253' MSL.

Trees beginning 1807' from DER, left and right of centerline, up to 95' AGL/334' MSL.

**Rwy 36**, pole 584' from DER, 554' left of centerline, 33' AGL/270' MSL.

Pole 585' from DER, 530' right of centerline, 28' AGL/268' MSL.

Vehicle on road 569' from DER, 4' left of centerline, 24' AGL/265' MSL.

Trees beginning 811' from DER, left and right of centerline, up to 116' AGL/351' MSL.

## MARIANNA, AR

### MARIANNA/LEE COUNTY-STEVE EDWARDS FLD (6M7)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 22AUG13 (21112) (FAA)

#### TAKEOFF OBSTACLE NOTES:

**Rwy 18**, tank 27' from DER, 353' right of centerline, 10' AGL/225' MSL.

Multiple poles and trees beginning 83' from DER, 372' right of centerline, up to 63' AGL/287' MSL.

Vehicles on road beginning 109' from DER, 445' right of centerline, up to 17' AGL/234' MSL.

Wall 183' from DER, 410' right of centerline, 8' AGL/225' MSL.

**Rwy 36**, vehicles on road beginning 92' from DER, 421' left of centerline, up to 17' AGL/227' MSL.

Multiple poles and trees beginning 137' from DER, 370' left of centerline, up to 107' AGL/323' MSL.

Multiple trees beginning 592' from DER, 550' right of centerline, up to 52' AGL/266' MSL.

## MARSHALL, AR

### SEARCY COUNTY (4A5)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 04FEB16 (16035) (FAA)

#### TAKEOFF MINIMUMS:

**Rwy 5**, std. w/min. climb of 448' per NM to 1500, or 1800-3 for climb in visual conditions.

**Rwy 23**, std. w/min. climb of 354' per NM to 2200, or 1800-3 for climb in visual conditions.

#### DEPARTURE PROCEDURE:

**Rwy 5**, climb heading 051° to 2100 before proceeding on course.

**Rwy 23**, climb heading 231° to 2600 before proceeding on course.

#### VCOA:

**Rwy 5**, obtain ATC approval for climb in visual conditions when requesting IFR clearance. Climb in visual conditions to cross Searcy County airport at or above 2600 before proceeding on course.

**Rwy 23**, obtain ATC approval for climb in visual conditions when requesting IFR clearance. Climb in visual conditions to cross Searcy County airport at or above 2600 before proceeding on course.

#### TAKEOFF OBSTACLE NOTES:

**Rwy 5**, rising terrain beginning 3' from DER, 300' left and 138' right of centerline, up to 978' MSL.

Rising terrain beginning 67' from DER, 389' right of centerline, up to 990' MSL.

Trees and pole beginning 24' from DER, 263' left and 338' right of centerline, up to 137' AGL/1039' MSL.

Sign 26' from DER, 197' left of centerline, 3' AGL/966' MSL.

Trees beginning 303' from DER, 71' right of centerline, up to 65' AGL/1020' MSL.

Trees, poles and t-l towers beginning 976' from DER, 95' right of centerline, up to 107' AGL/1034' MSL.

Trees, poles and t-l towers beginning 990' from DER, 273' left of centerline, up to 99' AGL/1025' MSL.

Tree 3006' from DER, 688' left of centerline, 97' AGL/1050' MSL.

Trees, poles and tower beginning 4742' from DER, 1301' left of centerline, up to 100' AGL/1114' MSL.

CONT'

# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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## MARSHALL, AR (CON'T)

### SEARCY COUNTY (4A5) (CON'T)

**Rwy 5 (CON'T)**, trees beginning 4776' from DER, 1514' right of centerline, up to 92' AGL/1107' MSL.

**Rwy 23**, rising terrain beginning 4' from DER, 144' left and 180' right of centerline, up to 945' MSL.

Trees beginning 7' from DER, 401' left of centerline, up to 79' AGL/995' MSL.

Trees beginning 43' from DER, 274' right of centerline, up to 29' AGL/967' MSL.

Trees beginning 70' from DER, 491' right of centerline, up to 62' AGL/1003' MSL.

Trees beginning 395' from DER, 269' right of centerline, up to 88' AGL/965' MSL.

## MC ALESTER, OK

### MC ALESTER RGNL (MLC)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG-A 02JUL09 (09183) (FAA)

##### TAKEOFF MINIMUMS:

**Rwy 2**, 300-1½ or std. w/min. climb of 318' per NM to 1100.

**Rwy 20**, 300-2 or std. w/min. climb of 232' per NM to 1100 or alternatively, with std. takeoff minimums and a normal 200'/NM climb gradient, takeoff must occur no later than 1900' prior to DER.

##### TAKEOFF OBSTACLE NOTES:

**Rwy 2**, light standard, tree and pole beginning 203' from DER, 302' right of centerline, up to 59' AGL/828' MSL.

Pole 104' from DER, 276' left of centerline, 31' AGL/780' MSL.

Tree 5344' from DER, 1912' left of centerline, 100' AGL/989' MSL.

**Rwy 20**, multiple trees and poles beginning 715' from DER, 66' right and 97' left of centerline, up to 50' AGL/934' MSL.

Radio mast 9021' from DER, 2565' right of centerline, 266' AGL/985' MSL.

## MC GEHEE, AR

### MC GEHEE MUNI (7M1)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 15DEC11 (11349) (FAA)

##### TAKEOFF OBSTACLE NOTES:

**Rwy 18**, trees beginning 2594' from DER, left and right of centerline, up to 100' AGL/234' MSL.

**Rwy 36**, trees beginning 456' from DER, 365' left of centerline, up to 100' AGL/244' MSL.

Trees beginning 2143' from DER, 1048' right of centerline, up to 100' AGL/244' MSL.

Trees beginning 2404' from DER, 899' left of centerline, up to 100' AGL/244' MSL.

## MELBOURNE, AR

### MELBOURNE MUNI-JOHN E MILLER FIELD (42A)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 24MAY18 (18144) (FAA)

##### TAKEOFF MINIMUMS:

**Rwy 21**, 300-1¼ or std. w/ min. climb of 235' per NM to 1000 or alternatively, with std. takeoff minimums and a normal 200' per NM climb gradient, takeoff must occur no later than 2000' prior to DER.

##### TAKEOFF OBSTACLE NOTES:

**Rwy 3**, vegetation 1' from DER, 384' right of centerline, 710' MSL.

Tree, vegetation beginning 22' from DER, 252' right of centerline, up to 39' AGL/733' MSL.

Tree 151' from DER, 510' left of centerline, 723' MSL.

Tree 297' from DER, 577' left of centerline, 725' MSL.

Tree 427' from DER, 519' left of centerline, 737' MSL.

Trees beginning 537' from DER, 552' left of centerline, up to 749' MSL.

Trees beginning 1044' from DER, 643' right of centerline, up to 757' MSL.

Tree 1234' from DER, 582' right of centerline, 771' MSL.

Tree 1332' from DER, 528' right of centerline, 775' MSL.

Tree 1426' from DER, 472' right of centerline, 777' MSL.

Trees beginning 1519' from DER, 314' right of centerline, up to 792' MSL.

Tree 2322' from DER, 712' left of centerline, 781' MSL.

Tree 2990' from DER, 426' left of centerline, 785' MSL.

Tree 3099' from DER, 426' left of centerline, 789' MSL.

Tree 3212' from DER, 753' left of centerline, 796' MSL.

Tree 3244' from DER, 1270' left of centerline, 797' MSL.

Trees beginning 3359' from DER, 378' left of centerline, up to 806' MSL.

Tree 3467' from DER, 76' right of centerline, 796' MSL.

**Rwy 21**, fence, terrain, vegetation beginning 16' from DER, 357' left of centerline, up to 756' MSL.

Tree, vegetation beginning 31' from DER, 267' right of centerline, up to 69' AGL/786' MSL.

Trees beginning 170' from DER, 500' right of centerline, up to 79' AGL/789' MSL.

Trees beginning 652' from DER, 509' right of centerline, up to 790' MSL.

Trees beginning 983' from DER, 505' right of centerline, up to 792' MSL.

Trees beginning 1164' from DER, 548' left of centerline, up to 806' MSL.

Trees beginning 1180' from DER, 503' right of centerline, up to 793' MSL.

Trees beginning 1357' from DER, 528' left of centerline, up to 807' MSL.

Trees beginning 1526' from DER, 524' right of centerline, up to 794' MSL.

Trees beginning 1615' from DER, 515' left of centerline, up to 813' MSL.

CON'T

# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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## MELBOURNE, AR (CON'T)

### MELBOURNE MUNI-JOHN E MILLER FIELD (42A) (CON'T)

**Rwy 21 (CON'T)**, trees beginning 1666' from DER, 746' right of centerline, up to 797' MSL.

Tree 1732' from DER, 843' right of centerline, 800' MSL.

Trees beginning 1778' from DER, 482' left of centerline, up to 819' MSL.

Tree 1791' from DER, 560' right of centerline, 801' MSL.

Trees beginning 1823' from DER, 528' right of centerline, up to 805' MSL.

Tree 2057' from DER, 733' right of centerline, 808' MSL.

Trees beginning 2081' from DER, 493' right of centerline, up to 811' MSL.

Trees beginning 2212' from DER, 353' right of centerline, up to 813' MSL.

Trees beginning 2298' from DER, 239' right of centerline, up to 814' MSL.

Tree 2725' from DER, 1014' left of centerline, 822' MSL.

Trees beginning 2740' from DER, 1074' left of centerline, up to 830' MSL.

Trees beginning 2895' from DER, 1139' left of centerline, up to 838' MSL.

Trees beginning 3510' from DER, 839' right of centerline, up to 831' MSL.

Tree 3627' from DER, 791' right of centerline, 833' MSL.

Tree 3928' from DER, 68' left of centerline, 842' MSL.

Trees beginning 3952' from DER, 33' right of centerline, up to 852' MSL.

Tree 4047' from DER, 97' left of centerline, 846' MSL.

Tree 4857' from DER, 1721' left of centerline, 858' MSL.

Tree 5119' from DER, 1713' left of centerline, 873' MSL.

Trees beginning 5211' from DER, 1646' left of centerline, up to 874' MSL.

Tree 5465' from DER, 239' left of centerline, 876' MSL.

Tree 5582' from DER, 399' left of centerline, 880' MSL.

Tree 5618' from DER, 265' left of centerline, 887' MSL.

Trees beginning 5708' from DER, 199' left of centerline, up to 894' MSL.

Trees beginning 5817' from DER, 45' left of centerline, up to 897' MSL.

Trees beginning 5913' from DER, 210' left of centerline, up to 899' MSL.

Tree 6002' from DER, 25' right of centerline, 69' AGL/899' MSL.

Tree 6012' from DER, 64' left of centerline, 69' AGL/902' MSL.

Tank 1 NM from DER, 198' left of centerline, 92' AGL/925' MSL.

## MENA, AR

### MENA INTERMOUNTAIN MUNI (MEZ)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 6 03JAN19 (19003) (FAA)

##### TAKEOFF MINIMUMS:

**Rwy 17**, std. w/min. climb of 435' per NM to 2700 or 1900-3 for climb in visual conditions.

**Rwy 27**, std. w/min. climb of 425' per NM to 2100 or 1900-3 for climb in visual conditions.

**Rwy 35**, std. w/min. climb of 465' per NM to 3300 or 1900-3 for climb in visual conditions.

##### DEPARTURE PROCEDURE:

**Rwy 9**, climb heading 089° to 2100 before turning right.

**Rwy 17**, climb heading 170° to 2800 before turning right.

**Rwy 27**, climb heading 269° to 2000 before turning left.

##### VCOA:

**Rwys 17, 27, 35**, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Mena Intermountain Municipal Airport at or above 2800 before proceeding on course.

##### TAKEOFF OBSTACLE NOTES:

**Rwy 9**, lighting 10' from DER, 28' right of centerline, 2' AGL/1051' MSL.

Lighting, NAVAID beginning 11' from DER, 28' left of centerline, up to 2' AGL/1051' MSL.

Vegetation 66' from DER, 479' left of centerline, 1058' MSL.

**Rwy 17**, NAVAID 39' from DER, 75' right of centerline, 3' AGL/1081' MSL.

NAVAID 39' from DER, 76' left of centerline, 3' AGL/1081' MSL.

Vegetation 444' from DER, 604' left of centerline, 1092' MSL.

Tree 657' from DER, 611' left of centerline, 1109' MSL.

Trees beginning 831' from DER, 147' left of centerline, up to 1110' MSL.

Tree 1080' from DER, 755' left of centerline, 1146' MSL.

Tree 3764' from DER, 1176' left of centerline, 1183' MSL.

Tree 3957' from DER, 58' left of centerline, 1187' MSL.

Trees beginning 1.5 NM from DER, 132' left of centerline, up to 1355' MSL.

Tree 1.5 nm from DER, 2400' right of centerline, 1328' MSL.

Tree 1.5 NM from DER, 93' right of centerline, 1338' MSL.

Trees beginning 1.5 nm from DER, 2229' right of centerline, up to 1354' MSL.

Trees beginning 1.5 NM from DER, 141' left of centerline, up to 1412' MSL.

Trees beginning 1.6 NM from DER, 299' right of centerline, up to 1387' MSL.

Trees beginning 1.6 NM from DER, 413' left of centerline, up to 1419' MSL.

Tree 1.6 NM from DER, 37' right of centerline, 1455' MSL.

Trees beginning 1.6 NM from DER, 269' right of centerline, up to 1469' MSL.

Tree 1.6 NM from DER, 156' left of centerline, 1464' MSL.

Trees beginning 1.6 NM from DER, 1660' left of centerline, up to 1471' MSL.

Trees beginning 1.6 NM from DER, 437' left of centerline, up to 1487' MSL.

Trees beginning 1.6 NM from DER, 524' right of centerline, up to 1486' MSL.

Tree 1.6 NM from DER, 254' right of centerline, 1541' MSL.

Tree 1.6 NM from DER, 238' left of centerline, 1537' MSL.

CON'T

# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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## MENA, AR (CON'T)

### MENA INTERMOUNTAIN MUNI (MEZ) (CON'T)

**Rwy 17 (CON'T)**, trees beginning 1.6 NM from DER, 37' right of centerline, up to 1586' MSL.

Trees beginning 1.6 NM from DER, 851' left of centerline, up to 1542' MSL.

Trees beginning 1.7 NM from DER, 84' left of centerline, up to 1631' MSL.

Trees beginning 1.8 nm from DER, 211' left of centerline, up to 1658' MSL.

Trees, pole beginning 1.8 NM from DER, 39' right of centerline, up to 1591' MSL.

Trees beginning 2.1 NM from DER, 2255' right of centerline, up to 1634' MSL.

Trees beginning 2.2 NM from DER, 1778' right of centerline, up to 1652' MSL.

Trees beginning 2.2 NM from DER, 2711' right of centerline, up to 1666' MSL.

Trees beginning 2.3 NM from DER, 74' right of centerline, up to 1689' MSL.

Trees beginning 2.4 NM from DER, 440' right of centerline, up to 1708' MSL.

Trees beginning 2.5 NM from DER, 18' right of centerline, up to 1754' MSL.

Pole, trees beginning 2.5 NM from DER, 218' left of centerline, up to 57' AGL/1767' MSL.

Tree 2.5 NM from DER, 824' left of centerline, 1796' MSL.

Tree 2.5 NM from DER, 1144' left of centerline, 1831' MSL.

**Rwy 27, NAVAID 39'** from DER, 90' left of centerline, 2' AGL/1079' MSL.

NAVAID 39' from DER, 89' right of centerline, 1079' MSL.

Tree 333' from DER, 537' right of centerline, 1099' MSL.

Trees beginning 415' from DER, 327' right of centerline, up to 1108' MSL.

Trees beginning 723' from DER, 515' right of centerline, up to 1109' MSL.

Trees beginning 946' from DER, 450' right of centerline, up to 1110' MSL.

Tree 1070' from DER, 471' right of centerline, 1112' MSL.

Tree 1124' from DER, 573' left of centerline, 1110' MSL.

Tree 1184' from DER, 694' right of centerline, 1127' MSL.

Trees beginning 1201' from DER, 380' left of centerline, up to 1148' MSL.

Trees beginning 1411' from DER, 110' right of centerline, up to 1145' MSL.

Trees beginning 1658' from DER, 496' left of centerline, up to 1149' MSL.

Trees beginning 1875' from DER, 449' right of centerline, up to 1146' MSL.

Trees beginning 1913' from DER, 271' right of centerline, up to 1152' MSL.

Trees beginning 2074' from DER, 163' left of centerline, up to 1152' MSL.

Trees beginning 2122' from DER, 34' left of centerline, up to 1158' MSL.

Tree 2165' from DER, 117' right of centerline, 1155' MSL.

Trees beginning 2201' from DER, 208' right of centerline, up to 1157' MSL.

Trees beginning 2302' from DER, 14' right of centerline, up to 1162' MSL.

Trees beginning 2471' from DER, 155' left of centerline, up to 1159' MSL.

Trees beginning 2567' from DER, 5' right of centerline, up to 1164' MSL.

Trees beginning 2634' from DER, 319' left of centerline, up to 1165' MSL.

Trees beginning 2743' from DER, 121' left of centerline, up to 1167' MSL.

Trees beginning 2789' from DER, 107' right of centerline, up to 1167' MSL.

Trees beginning 2950' from DER, 13' left of centerline, up to 1169' MSL.

Trees beginning 2973' from DER, 79' right of centerline, up to 1175' MSL.

Trees beginning 3163' from DER, 75' left of centerline, up to 1171' MSL.

Trees beginning 3297' from DER, 862' right of centerline, up to 1176' MSL.

Tree 4266' from DER, 482' right of centerline, 1186' MSL.

Tree 1.3 NM from DER, 2513' left of centerline, 1292' MSL.

Tree 1.4 NM from DER, 2508' left of centerline, 1295' MSL.

Tree 1.5 NM from DER, 2542' left of centerline, 1315' MSL.

Tree 1.5 NM from DER, 2775' left of centerline, 1401' MSL.

Tree 1.5 NM from DER, 2547' left of centerline, 1413' MSL.

Trees beginning 1.5 NM from DER, 2167' left of centerline, up to 1424' MSL.

Tree 1.5 NM from DER, 2665' left of centerline, 1445' MSL.

Trees beginning 1.5 NM from DER, 2156' left of centerline, up to 1500' MSL.

Trees beginning 1.5 NM from DER, 1896' left of centerline, up to 1529' MSL.

Trees, buildings beginning 1.6 NM from DER, 1928' left of centerline, up to 1592' MSL.

Building, trees beginning 1.8 NM from DER, 1384' left of centerline, up to 27' AGL/1609' MSL.

Trees beginning 1.8 NM from DER, 868' left of centerline, up to 1615' MSL.

Trees beginning 1.9 NM from DER, 685' left of centerline, up to 1652' MSL.

Building, trees beginning 1.9 NM from DER, 259' left of centerline, up to 51' AGL/1715' MSL.

Trees beginning 2.1 NM from DER, 53' right of centerline, up to 1449' MSL.

Tree, pole beginning 2.2 NM from DER, 320' right of centerline, up to 1462' MSL.

**Rwy 35, buildings** beginning 26' from DER, 365' right of centerline, up to 30' AGL/1069' MSL.

Trees, pole beginning 106' from DER, 41' left of centerline, up to 1106' MSL.

Trees beginning 641' from DER, 425' right of centerline, up to 1120' MSL.

Trees beginning 1074' from DER, 117' right of centerline, up to 1130' MSL.

Tree 2146' from DER, 60' left of centerline, 1120' MSL.

## MIAMI, OK

### MIAMI RGNL (MIO)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG-A 26MAY16 (16147) (FAA)

#### TAKEOFF OBSTACLE NOTES:

**Rwy 17, buildings, trees, and power lines** beginning 772' from DER, 339' left of centerline, up to 100' AGL/899' MSL.

Building 3539' from DER, 738' right of centerline, 100' AGL/899' MSL.

**Rwy 35, building, trees, and power lines** beginning 1398' from DER, 449' right of centerline, up to 100' AGL/919' MSL.

# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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**TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND**

  
**DIVERSE VECTOR AREA (RADAR VECTORS)**

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**MONTICELLO, AR**

MONTICELLO MUNI/ELLIS FIELD (LLQ)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG-A 23JUN16 (16175) (FAA)

TAKEOFF MINIMUMS:

**Rwy 21**, 300-1½ or std. w/ min. climb of 436' per NM to 600.

TAKEOFF OBSTACLE NOTES:

**Rwy 3**, Tree 278' from DER, 544' left of centerline, 100' AGL/349' MSL.

Vehicle on road 625' from DER, 628' right of centerline, 15' AGL/264' MSL.

**Rwy 21**, Tree 3687' from DER, 819' left of centerline, 100' AGL/469' MSL.

Vehicle on road 1000' from DER, 676' left of centerline, 15' AGL/294' MSL.

Trees beginning 435' from DER, 607' right of centerline, up to 100' AGL/399' MSL.

Power line 5621' from DER, 994' right of centerline, 79' AGL/458' MSL.

Power line 4504' from DER, 1652' right of centerline, 79' AGL/388' MSL.

Trees beginning 6722' from DER, 963' right of centerline, up to 110' AGL/470' MSL.

**MOORELAND, OK**

MOORELAND MUNI (MDF)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 20OCT11 (11293) (FAA)

TAKEOFF OBSTACLE NOTES:

**Rwy 17**, trees beginning 191' from DER, 182' right of centerline, up to 50' AGL/2003' MSL.

Trees beginning 421' from DER, 337' left of centerline, up to 50' AGL/2006' MSL.

Power pole 498' from DER, 176' right of centerline, 35' AGL/1992' MSL.

**Rwy 35**, power pole 1225' from DER, 43' left of centerline, 35' AGL/2004' MSL.**MORRILTON, AR**

MORRILTON MUNI (BDQ)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG-A 08MAY08 (08129) (FAA)

TAKEOFF MINIMUMS:

**Rwy 27**, Std. w/ min. climb of 211' per NM to 1600 or 900-2½ for climb in visual conditions.

DEPARTURE PROCEDURE:

**Rwy 27**, For climb in visual conditions cross Morrilton Municipal Airport at or above 1100 MSL before proceeding on course.

TAKEOFF OBSTACLE NOTES:

**Rwy 9**, trees beginning 321' from DER, 511' right of centerline up to 100' AGL/419' MSL.

Trees beginning 3378' from DER, 346' left of centerline, up to 100' AGL/449' MSL.

**Rwy 27**, trees beginning 814' from DER, 317' left of centerline up to 100' AGL/399' MSL.

Trees beginning 1552' from DER, 6' right of centerline up to 100' AGL/429' MSL.

**PETIT JEAN PARK (MPJ)**

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 24MAY18 (18144) (FAA)

TAKEOFF MINIMUMS:

**Rwy 3**, 300-1½ or std. w/min. climb of 326' per NM to 1300.**Rwy 21**, 300-2 or std. w/min. climb of 366' per NM to 1300.

TAKEOFF OBSTACLE NOTES:

**Rwy 3**, pole, traverse way beginning 47' from DER, 447' left of centerline, up to 28' AGL/968' MSL.

Tree, traverse way beginning 162' from DER, 243' left of centerline, up to 51' AGL/995' MSL.

Tree, pole, traverse way beginning 205' from DER, 1' right of centerline, up to 48' AGL/962' MSL.

Tree, pole beginning 359' from DER, 224' right of centerline, up to 53' AGL/972' MSL.

Tree, pole beginning 496' from DER, 173' right of centerline, up to 62' AGL/985' MSL.

Tree, pole, building beginning 588' from DER, 160' right of centerline, up to 66' AGL/992' MSL.

Trees beginning 797' from DER, 91' left of centerline, up to 64' AGL/1008' MSL.

Tree 1040' from DER, 356' left of centerline, 78' AGL/1009' MSL.

Trees beginning 1150' from DER, 92' left of centerline, up to 80' AGL/1020' MSL.

Tree 1162' from DER, 6' right of centerline, 59' AGL/1003' MSL.

Tree 1236' from DER, 678' right of centerline, 73' AGL/1023' MSL.

Trees beginning 1430' from DER, 16' right of centerline, up to 73' AGL/1028' MSL.

Trees beginning 1858' from DER, 101' left of centerline, up to 88' AGL/1030' MSL.

Trees beginning 2520' from DER, 16' left of centerline, up to 55' AGL/1039' MSL.

Tree 2579' from DER, 233' right of centerline, 48' AGL/1035' MSL.

Tree 2640' from DER, 440' left of centerline, 54' AGL/1042' MSL.

Trees beginning 2712' from DER, 11' right of centerline, up to 57' AGL/1051' MSL.

Tree 2808' from DER, 53' left of centerline, 50' AGL/1049' MSL.

Trees beginning 2993' from DER, 55' left of centerline, up to 58' AGL/1053' MSL.

Tree 3594' from DER, 38' right of centerline, 56' AGL/1056' MSL.

Tree 3733' from DER, 1385' right of centerline, 73' AGL/1064' MSL.

Tree 3748' from DER, 937' right of centerline, 79' AGL/1071' MSL.

Tree 5154' from DER, 654' right of centerline, 81' AGL/1133' MSL.

CON'T


**TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND**

  
**DIVERSE VECTOR AREA (RADAR VECTORS)**

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# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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## MORRILTON, AR (CON'T)

### PETIT JEAN PARK (MPJ) (CON'T)

**Rwy 3 (CON'T)**, tree 1 NM from DER, 958' left of centerline, 61' AGL/1157' MSL.  
**Rwy 21**, fence 2' from DER, 250' right of centerline, 12' AGL/896' MSL.  
 Tree 116' from DER, 367' right of centerline, 60' AGL/944' MSL.  
 Tree 1018' from DER, 420' left of centerline, 53' AGL/939' MSL.  
 Tree 1134' from DER, 672' left of centerline, 69' AGL/962' MSL.  
 Tree 1181' from DER, 478' left of centerline, 92' AGL/984' MSL.  
 Trees beginning 1350' from DER, 60' left of centerline, up to 91' AGL/987' MSL.  
 Tree 1390' from DER, 521' right of centerline, 81' AGL/964' MSL.  
 Tree 1568' from DER, 663' right of centerline, 86' AGL/972' MSL.  
 Tree, building beginning 1588' from DER, 314' right of centerline, up to 90' AGL/982' MSL.  
 Tree 1638' from DER, 208' left of centerline, 93' AGL/996' MSL.  
 Tree, traverse way beginning 1765' from DER, 52' left of centerline, up to 93' AGL/997' MSL.  
 Tree 1909' from DER, 679' left of centerline, 88' AGL/1007' MSL.  
 Trees beginning 2067' from DER, 36' left of centerline, up to 96' AGL/1015' MSL.  
 Trees beginning 2101' from DER, 62' right of centerline, up to 84' AGL/997' MSL.  
 Tree, building, pole beginning 2287' from DER, 247' left of centerline, up to 82' AGL/1016' MSL.  
 Tree 2579' from DER, 1184' right of centerline, 90' AGL/1002' MSL.  
 Tree, pole beginning 2909' from DER, 268' right of centerline, up to 83' AGL/1019' MSL.  
 Trees beginning 3104' from DER, 40' right of centerline, up to 83' AGL/1029' MSL.  
 Tree, pole beginning 3165' from DER, 44' left of centerline, up to 75' AGL/1037' MSL.  
 Tree, pole beginning 3504' from DER, 14' left of centerline, up to 68' AGL/1049' MSL.  
 Trees beginning 4070' from DER, 1187' right of centerline, up to 77' AGL/1031' MSL.  
 Tree 4375' from DER, 419' right of centerline, 87' AGL/1033' MSL.  
 Trees beginning 4405' from DER, 99' right of centerline, up to 90' AGL/1034' MSL.  
 Tree 1.2 NM from DER, 2579' left of centerline, 64' AGL/1198' MSL.

## MOUNTAIN HOME, AR

### BAXTER COUNTY (BPK)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 4 13SEP18 (18256) (FAA)

##### TAKEOFF OBSTACLE NOTES:

**Rwy 5**, tree 51' from DER, 304' right of centerline, 962' MSL.  
 Tree 196' from DER, 400' right of centerline, 964' MSL.  
 Tree 303' from DER, 438' left of centerline, 943' MSL.  
 Tree 362' from DER, 464' right of centerline, 971' MSL.  
 Tree, pole beginning 509' from DER, 37' right of centerline, up to 976' MSL.  
 Tree, pole beginning 719' from DER, 53' left of centerline, up to 972' MSL.  
 Transmission line 1231' from DER, 261' left of centerline, 61' AGL/975' MSL.  
 Pole, transmission line beginning 1654' from DER, 257' right of centerline, up to 984' MSL.  
 Tree 2120' from DER, 552' left of centerline, 1017' MSL.  
 Pole 2713' from DER, 250' right of centerline, 49' AGL/1010' MSL.  
**Rwy 23**, trees beginning 197' from DER, 376' left of centerline, up to 979' MSL.  
 Trees beginning 460' from DER, 463' right of centerline, up to 970' MSL.  
 Tree 1437' from DER, 650' right of centerline, 989' MSL.  
 Tree 1642' from DER, 579' left of centerline, 998' MSL.  
 Tree 1726' from DER, 876' left of centerline, 1000' MSL.

## MOUNTAIN VIEW, AR

### MOUNTAIN VIEW WILCOX MEMORIAL FIELD (7M2)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2, 30MAR17 (17089) (FAA)

##### TAKE-OFF MINIMUMS:

**Rwy 9**, std. w/min. climb of 450' per NM to 2200, or 2200-2½ for VCOA.

##### DEPARTURE PROCEDURE:

**Rwy 9**, climb heading 092° to 2100 before turning.

**Rwy 27**, climb heading 272° to 2800 before turning.

##### VCOA:

**Rwy 9**, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Mountain View Wilcox Memorial field at or above 2100 before proceeding on course.

## MULDROW AHP (KHMY)

### LEXINGTON, OK

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 28JAN21 (21028)

##### TAKEOFF OBSTACLE NOTES:

**Rwy 17**, trees, poles, bldgs, fence 17' from DER, left and right of cntrln, up to 60' AGL/1149' MSL.

**Rwy 35**, trees, pole left and right of cntrln, up to 70' AGL/1161' MSL.

# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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## MUSKOGEE, OK

MUSKOGEE-DAVIS RGNL (MKO)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG-A 01MAR18 (18060) (FAA)

TAKEOFF MINIMUMS:

**Rwys 18, 36**, NA-Environmental.

**Rwy 22**, 200-1½ or std. w/ min. climb of 436' per NM to 900.

**Rwy 31**, 300-1½ or std. w/ min. climb of 217' per NM to 900, or alternatively, with standard takeoff minimums and a normal 200' per NM climb gradient, takeoff must occur no later than 1700' prior to DER.

TAKEOFF OBSTACLE NOTES:

**Rwy 22**, tree 3637' from DER, 985' right of centerline, 100' AGL/809' MSL.

**Rwy 31**, tree 7679' from DER, 851' left of centerline, 100' AGL/819' MSL.

## NASHVILLE, AR

HOWARD COUNTY (M77)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 09FEB12 (12040) (FAA)

TAKEOFF OBSTACLE NOTES:

**Rwy 1**, fence and trees beginning 16' from DER, 259' left of centerline, up to 70' AGL/613' MSL.

Trees beginning 49' from DER, 344' right of centerline, up to 76' AGL/601' MSL.

**Rwy 19**, trees, buildings, poles, antenna, catenary, and road beginning 12' from DER, 200' left of centerline, up to 97' AGL/592' MSL.

Trees and catenary beginning 85' from DER, 241' right of centerline, up to 92' AGL/591' MSL.

## NEWPORT, AR

NEWPORT RGNL (M19)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG-A 01FEB18 (18032) (FAA)

TAKEOFF OBSTACLE NOTES:

**Rwy 22**, building beginning 1947' from DER, 452' right of centerline, 60' AGL/299' MSL.

**Rwy 36**, trees 2163' from DER, 939' left of centerline, up to 100' AGL/339' MSL.

## NORMAN, OK

UNIVERSITY OF OKLAHOMA WESTHEIMER (OUN)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1A 26MAY16 (16147) (FAA)

TAKEOFF OBSTACLE NOTES:

**Rwy 3**, tower and elevators beginning 1451' from DER, 359' right of centerline, up to 59' AGL/1236' MSL.

**Rwy 18**, tree 97' from DER, 449' right of centerline, 32' AGL/1208' MSL.

**Rwy 21**, tree 162' from DER, 461' right of centerline, 25' AGL/1201' MSL.

Trees beginning 874' from DER, 484' right of centerline, up to 27' AGL/1208' MSL.

Trees beginning 1211' from DER, 463' left of centerline, up to 39' AGL/1210' MSL.

Light pole 1243' from DER, 745' right of centerline, 32' AGL/1213' MSL.

**Rwy 36**, poles beginning 700' from DER, 518' right of centerline, up to 44' AGL/1215' MSL.

## NORTH LITTLE ROCK, AR

NORTH LITTLE ROCK MUNI (ORK)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG-A 15AUG19 (19227) (FAA)

TAKEOFF OBSTACLE NOTES:

**Rwy 5**, tree 166' from DER, 389' right of centerline, 553' MSL.

Trees beginning 333' from DER, 495' right of centerline, up to 566' MSL.

Tree 1298' from DER, 272' left of centerline, 553' MSL.

Tree 1371' from DER, 796' left of centerline, 572' MSL.

**Rwy 17**, pole and wind indicator beginning 52' from DER, 224' right of centerline, up to 9' AGL/547' MSL.

Tree 618' from DER, 628' left of centerline, 558' MSL.

Trees beginning 1102' from DER, 83' right of centerline, up to 579' MSL.

Tree 1106' from DER, 11' left of centerline, 574' MSL.

Tree 1213' from DER, 8' left of centerline, 580' MSL.

Trees beginning 1230' from DER, 132' right of centerline, up to 583' MSL.

Trees beginning 1356' from DER, 95' left of centerline, up to 583' MSL.

Tree 1592' from DER, 109' left of centerline, 596' MSL.

Tree 1791' from DER, 91' right of centerline, 587' MSL.

**Rwy 23**, tree 285' from DER, 518' left of centerline, 579' MSL.

Pole 722' from DER, 481' right of centerline, 36' AGL/565' MSL.

Tree 902' from DER, 673' right of centerline, 568' MSL.

**Rwy 35**, trees beginning 164' from DER, 205' right of centerline, up to 581' MSL.

Terrain 178' from DER, 486' left of centerline, 560' MSL.

Fence and vehicles on road beginning 892' from DER, crossing extended runway centerline, up to 11' AGL/575' MSL.

Tree 986' from DER, 189' left of centerline, 573' MSL.

Pole 1081' from DER, 584' left of centerline, 41' AGL/608' MSL.

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# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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## NORTH LITTLE ROCK, AR (CON'T)

### NORTH LITTLE ROCK MUNI (ORK) (CON'T)

- Rwy 35 (CON'T)**, tree 1490' from DER, 634' left of centerline, 627' MSL.  
Trees and pole beginning 1541' from DER, 3' left of centerline, up to 632' MSL.  
Tree 1599' from DER, 251' right of centerline, 597' MSL.  
Tree 1750' from DER, 204' right of centerline, 599' MSL.

## OKLAHOMA CITY, OK

### CLARENCE E. PAGE MUNI (RCE)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 28SEP06 (06271) (FAA)

TAKEOFF OBSTACLE NOTES:

- Rwy 17R**, multiple trees beginning 43' from DER, 331' right of centerline, 15' AGL/1348' MSL.  
Multiple trees beginning 260' from DER, 345' left of centerline, 37' AGL/1366' MSL.  
**Rwy 35L**, bush 90' from DER, 482' left of centerline, 8' AGL/1358' MSL.

## SUNDANCE (HSD)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 12OCT17 (17285) (FAA)

DEPARTURE PROCEDURE:

- Rwy 18**, climb heading 174° to 1700 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

- Rwy 18**, tree 133' from DER, 275' left of centerline, 1217' MSL.  
Tree 206' from DER, 534' left of centerline, 1224' MSL.  
Building 441' from DER, 472' left of centerline, 33' AGL/1215' MSL.  
Tank 759' from DER, 545' right of centerline, 15' AGL/1212' MSL.  
Tree 1553' from DER, 273' left of centerline, 1238' MSL.  
T-L tower 4131' from DER, 562' left of centerline, 105' AGL/1334' MSL.  
T-L tower 4807' from DER, 107' right of centerline, 109' AGL/1341' MSL.  
**Rwy 36**, tree 131' from DER, 499' left of centerline, 1187' MSL.

## WILEY POST (PWA)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 5 18SEP14 (14261) (FAA)

TAKEOFF MINIMUMS:

- Rwy 17L**, 300-1¼ or std. w/min. climb of 307' per NM to 1600.

DEPARTURE PROCEDURE:

- Rwy 13**, climb heading 130° to 2300 before turning left.  
**Rwys 35L, 35R**, climb heading 355° to 1900 before turning right.

TAKEOFF OBSTACLE NOTES:

- Rwy 13**, hangar 467' from DER, 466' left of centerline, 19' AGL/1316' MSL.  
Hangar 1349' from DER, 602' right of centerline, 35' AGL/1334' MSL.  
**Rwy 17L**, trees beginning 1292' from DER, 371' right of centerline, up to 67' AGL/1348' MSL.  
Tank 4592' from DER, 1222' left of centerline, 148' AGL/1478' MSL.  
Tank 1 NM from DER, 1387' left of centerline, 144' AGL/1467' MSL.  
**Rwy 17R**, pole 344' from DER, 422' left of centerline, 20' AGL/1305' MSL.  
**Rwy 35L**, trees beginning 143' from DER, 516' left of centerline, up to 50' AGL/1321' MSL.  
Spire 2441' from DER, 901' left of centerline, 86' AGL/1366' MSL.

## WILL ROGERS WORLD (OKC)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 24JUL14 (14205) (FAA)

TAKEOFF OBSTACLE NOTES:

- Rwy 35L**, post 48' from DER, 495' left of centerline, 8' AGL/1287' MSL.  
**Rwy 36**, obstruction light on windsock 674' from DER, 152' left of centerline, 25' AGL/1295' MSL.

## OKMULGEE, OK

### OKMULGEE RGNL (OKM)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 25OCT07 (07298) (FAA)

DEPARTURE PROCEDURE:

- Rwy 36**, climb heading 356° to 1600 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

- Rwy 18**, multiple trees beginning 1303' from DER, 69' left of centerline, up to 100' AGL/779' MSL.  
Multiple trees beginning 1699' from DER, 12' right of centerline, up to 100' AGL 779' MSL.

# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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## OSCEOLA, AR

OSCEOLA MUNI (7M4)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 05NOV98 (98309) (FAA)

TAKEOFF MINIMUMS:

**Rwy 1**, 300-1.

TAKEOFF OBSTACLE NOTES:

**Rwy 1**, 180' AGL antenna 3003' from DER, 20' right of centerline.

## OZARK, AR

OZARK-FRANKLIN COUNTY (7M5)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 03JUN10 (10154) (FAA)

TAKEOFF MINIMUMS:

**Rwy 4**, 400-1½ or std. w/ min. climb of 492' per NM to 1200.**Rwy 22**, std. w/ min. climb of 245' per NM to 1400, or 900 - 2 ½ for climb in visual conditions.

DEPARTURE PROCEDURE:

**Rwy 4**, climbing right turn to 3000 via FSM R-064 to FSM VORTAC before proceeding on course.**Rwy 22**, climbing right turn to 3000 via FSM R-064 to FSM VORTAC before proceeding on course, or for climb in visual conditions cross Ozark-Franklin County airport southwest bound at or above 1400 then climb to 3000 via FSM R-064 to FSM VORTAC before proceeding on course.

TAKEOFF OBSTACLE NOTES:

**Rwy 4**, tower 6713' from DER, 470' left of centerline, 995' MSL/205' AGL. Multiple trees and terrain beginning 27' from DER, 5' right of centerline, up to 50' AGL/849' MSL.

Multiple trees and terrain beginning 42' from DER, 87' left of centerline, up to 50' AGL/909' MSL.

Tank 582' from DER, 521' left of centerline, 13' AGL/678' MSL.

Tower 57' from DER, 404' right of centerline, 34' AGL/687' MSL.

**Rwy 22**, multiple trees beginning 159' from DER, 59' right of centerline, up to 50' AGL/949' MSL.

Multiple trees beginning 154' from DER, 59' left of centerline, up to 50' AGL/909' MSL.

## PARAGOULD, AR

KIRK FIELD (PGR)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 19FEB04 (04050) (FAA)

TAKEOFF MINIMUMS:

**Rwy 4**, 300-1 or std. with a min. climb of 333' per NM to 600.**Rwys 8, 26**, NA-unsurveyed turf runways.**Rwy 22**, 200-1.

TAKEOFF OBSTACLE NOTES:

**Rwy 4**, tank 5070' from DER, 883' right of centerline, 190' AGL/470' MSL.

Road 1285' from DER, on centerline, 289' MSL.

Sign 1506' from DER, 135' right of centerline, 50' AGL/331' MSL.

**Rwy 22**, sign 311' from DER, 285' right of centerline, 30' AGL/325' MSL.

Road 300' from DER, on centerline, 295' MSL.

## PAULS VALLEY, OK

PAULS VALLEY MUNI (PVJ)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 03JUN10 (10154) (FAA)

TAKEOFF MINIMUMS:

**Rwy 12**, 500-1½ or std. w/ min. climb of 282' per NM to 1300, or alternatively, with standard TAKEOFF minimums and a normal 200' per NM climb gradient, TAKEOFF must occur no later than 1200' prior to DER.

TAKEOFF OBSTACLE NOTES:

**Rwy 12**, tank 1.13 NM from DER, 2259' right of centerline, 200' AGL/1130' MSL.**Rwy 35**, tree 1247' from DER, 364' right of centerline, 100' AGL/1040' MSL.

## PERRY, OK

PERRY MUNI (F22)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 18NOV10 (10322) (FAA)

TAKEOFF OBSTACLE NOTES:

**Rwy 17**, vehicle on road 735' from DER, 680' right of centerline, up to 15' AGL/1023' MSL.

Vehicle on road 721' from DER, 4' left of centerline, up to 15' AGL/1023' MSL.

Trees beginning 243' from DER, 180' right of centerline, up to 100' AGL/1149' MSL.

Trees beginning 786' from DER, 201' left of centerline, up to 100' AGL/1149' MSL.

**Rwy 35**, trees beginning 101' from DER, 297' left of centerline, up to 26' AGL/996' MSL.

# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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## PINE BLUFF, AR

### PINE BLUFF RGNL AIRPORT GRIDER FIELD (PBF)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG-A 01FEB18 (18032) (FAA)

#### TAKEOFF OBSTACLE NOTES:

**Rwy 18**, trees beginning 145' from DER, 259' left of centerline, up to 27' AGL/224' MSL.

Trees beginning 223' from DER, 503' right of centerline, up to 92' AGL/289' MSL.

**Rwy 36**, trees beginning 2187' from DER, 323' left of centerline, up to 92' AGL/289' MSL.

Tree 2333' from DER, 252' right of centerline, 66' AGL/263' MSL.

## POCAHONTAS, AR

### POCAHONTAS MUNI (M70)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 13SEP18 (18256) (FAA)

#### DEPARTURE PROCEDURE:

**Rwy 36**, climb heading 002° to 1000 before turning left.

#### TAKEOFF OBSTACLE NOTES:

**Rwy 18**, tree, building and vehicles on road beginning 78' from DER, 272' left of centerline, up to 20' AGL/288' MSL.

Pole 265' from DER, 538' left of centerline, 36' AGL/303' MSL.

Tree and pole beginning 288' from DER, 312' left of centerline, up to 40' AGL/308' MSL.

Tree and poles beginning 364' from DER, 306' left of centerline, up to 46' AGL/314' MSL.

Pole 438' from DER, 432' right of centerline, 31' AGL/301' MSL.

Poles beginning 440' from DER, 313' right of centerline, up to 33' AGL/303' MSL.

Building 707' from DER, 480' left of centerline, 55' AGL/321' MSL.

Trees and poles beginning 1082' from DER, 324' right of centerline, up to 58' AGL/327' MSL.

Tree 1323' from DER, 610' left of centerline, 64' AGL/329' MSL.

**Rwy 36**, vehicle on road 2' from DER, 435' left of centerline, 284' MSL.

Pole 157' from DER, 501' left of centerline, 26' AGL/297' MSL.

Poles, vehicle on road and tree beginning 179' from DER, 444' left of centerline, up to 31' AGL/301' MSL.

Vehicle on road 203' from DER, 444' right of centerline, 285' MSL.

Poles beginning 204' from DER, 515' right of centerline, up to 23' AGL/298' MSL.

Trees beginning 449' from DER, 295' left of centerline, up to 57' AGL/319' MSL.

Tree 1065' from DER, 749' left of centerline, 85' AGL/342' MSL.

Tree 2007' from DER, 832' right of centerline, 75' AGL/340' MSL.

Tree 2523' from DER, 1172' right of centerline, 88' AGL/347' MSL.

Tree 2997' from DER, 40' right of centerline, 98' AGL/356' MSL.

Tree 3356' from DER, 1147' right of centerline, 101' AGL/360' MSL.

## PONCA CITY, OK

### PONCA CITY RGNL (PNC)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 20DEC07 (07354) (FAA)

#### TAKEOFF OBSTACLE NOTES:

**Rwy 17**, multiple buildings, poles, and antenna beginning 195' from DER, 303' right of centerline, up to 81' AGL/1071' MSL.

Trees and pole 1304' from DER, from 400' left of centerline, 70' AGL/1061' MSL.

**Rwy 35**, antenna on building 10' from DER, 437' right of centerline, 13' AGL/1013' MSL.

Trees 1475' from DER, 350' right of centerline 50' AGL/1030' MSL.

## POTEAU, OK

### ROBERT S KERR (RKR)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 4A 20JUN19 (21112) (FAA)

#### TAKEOFF MINIMUMS:

NOTE: Rwy 36 cross DER at or above 16' AGL/461' MSL.

#### DEPARTURE PROCEDURE:

**Rwy 18**, climb runway heading to 2500 before turning on course.

**Rwy 36**, climb runway heading to 2800 before turning on course.

#### TAKEOFF OBSTACLE NOTES:

**Rwy 18**, lighting beginning 2' from DER, 17' left of centerline, up to 4' AGL/452' MSL.

Lighting beginning 3' from DER, 17' right of centerline, up to 3' AGL/452' MSL.

Trees beginning 4' from DER, 281' right of centerline, up to 33' AGL/479' MSL.

Tree 82' from DER, 497' right of centerline, 45' AGL/492' MSL.

Tree, vehicles on road beginning 101' from DER, 298' left of centerline, up to 27' AGL/473' MSL.

Trees, vehicles on road beginning 155' from DER, 409' right of centerline, up to 58' AGL/503' MSL.

Trees, vehicles on road beginning 192' from DER, 285' left of centerline, up to 60' AGL/506' MSL.

Trees, vehicles on road beginning 316' from DER, 414' right of centerline, up to 59' AGL/510' MSL.

**Rwy 36**, terrain abeam DER, 22' left of centerline, 448' MSL.

Fence 2' from DER, 396' right of centerline, 5' AGL/449' MSL.

Vehicles on road, lighting, tree beginning 2' from DER, 12' right of centerline, up to 16' AGL/462' MSL.

Trees beginning 3' from DER, 263' left of centerline, up to 40' AGL/482' MSL.

Tree, vehicles on road 4A, beginning 23' from DER, 154' right of centerline, up to 61' AGL/506' MSL.

CON'T

# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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## POTEAU, OK (CON'T)

### ROBERT S KERR (RKR) (CON'T)

**Rwy 36 (CON'T)**, trees, vehicles on road, terrain beginning 78' from DER, 273' left of centerline, up to 46' AGL/492' MSL.  
 Trees, vehicles on road beginning 204' from DER, 443' left of centerline, up to 50' AGL/493' MSL.  
 Trees, vehicles on road beginning 300' from DER, 437' left of centerline, up to 52' AGL/499' MSL.  
 Trees, vehicles on road beginning 308' from DER, 292' right of centerline, up to 65' AGL/508' MSL.  
 Trees, vehicles on road beginning 611' from DER, 396' left of centerline, up to 66' AGL/509' MSL.  
 Tree 1944' from DER, 457' right of centerline, 71' AGL/511' MSL.  
 Trees beginning 2049' from DER, 493' right of centerline, up to 77' AGL/517' MSL.  
 Trees beginning 2131' from DER, 593' left of centerline, up to 69' AGL/536' MSL.  
 Trees beginning 2432' from DER, 960' left of centerline, up to 54' AGL/538' MSL.  
 Tree 2720' from DER, 1042' left of centerline, 39' AGL/539' MSL.  
 Trees beginning 2721' from DER, 985' left of centerline, up to 33' AGL/558' MSL.  
 Tower 1 NM from DER, 1273' right of centerline, 75' AGL/612' MSL.

## PRAGUE, OK

### PRAGUE MUNI (O47)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 29MAY14 (14149) (FAA)

#### DEPARTURE PROCEDURE:

**Rwy 17**, climb heading 177° to 1500 before turning left.

#### TAKEOFF OBSTACLE NOTES:

**Rwy 17**, vehicles on road beginning 129' from DER, 198' left of course, 15' AGL/1016' MSL.  
 Tree 2028' from DER, 411' left of centerline, up to 84' AGL/1063' MSL.  
 Vehicles on road beginning 124' from DER, 383' right of centerline, up to 15' AGL/1014' MSL.  
 Tree 212' from DER, 415' right of centerline, 50' AGL/1048' MSL.  
 Trees beginning 360' from DER, 104' right of centerline, up to 66' AGL/1055' MSL.  
**Rwy 35**, trees, poles and vehicles on road, beginning 13' from DER, 155' left of centerline, up to 57' AGL/1089' MSL.  
 Terrain beginning 15' from DER, 241' right of centerline, up to 1047' MSL.  
 Trees, poles, fence, and vehicles on road, beginning 54' from DER, 164' right of centerline, up to 31' AGL/1074' MSL.  
 Trees, poles, and vehicles on road, beginning 381' from DER, left and right of centerline, up to 30' AGL/1074' MSL.  
 Trees, poles, buildings, and vehicles on road, beginning 780' from DER, left and right of centerline, up to 59' AGL/1095' MSL.

## PRYOR, OK

### MID-AMERICA INDUSTRIAL (H71)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 22JUN95 (95173) (FAA)

#### DEPARTURE PROCEDURE:

**Rwys 18, 36**, climb to 1400 before turning on course.

## ROGERS, AR

### ROGERS EXEC - CARTER FLD (ROG)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 24MAY18 (21112) (FAA)

#### TAKEOFF OBSTACLE NOTES:

**Rwy 2**, tree 33' from DER, 394' right of centerline, 1382' MSL.  
 Trees beginning 100' from DER, 431' left of centerline, up to 1385' MSL.  
**Rwy 20**, tree 392' from DER, 504' right of centerline, 1380' MSL.  
 Pole 554' from DER, 613' left of centerline, 33' AGL/1392' MSL.  
 Trees, poles beginning 802' from DER, 80' left of centerline, up to 1423' MSL.  
 Tree 1114' from DER, 659' right of centerline, 1396' MSL.  
 Tree 2307' from DER, 733' right of centerline, 1418' MSL.  
 Tree 2576' from DER, 240' left of centerline, 1428' MSL.  
 Tower, transmission-line beginning 3085' from DER, 187' right of centerline, up to 122' AGL/1462' MSL.  
 Transmission-line 3513' from DER, 419' left of centerline, 95' AGL/1455' MSL.  
 Transmission-line 3573' from DER, 993' left of centerline, 103' AGL/1469' MSL.

## RUSSELLVILLE, AR

### RUSSELLVILLE RGNL (RUE)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 05DEC19 (19339) (FAA)

#### TAKEOFF MINIMUMS:

**Rwy 7**, std. w/min. climb of 310' per NM to 1200 or 1200-3 for VCOA.

**Rwy 25**, std. w/min. climb of 280' per NM to 2400 or 1200-3 for VCOA.

#### DEPARTURE PROCEDURE:

**Rwy 7**, climb on heading 085° to 1200 before proceeding on course.

#### VCOA:

**Rwys 7, 25**, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Russellville Regional Airport at or above 1500 before proceeding on course.

#### TAKEOFF OBSTACLE NOTES:

**Rwy 7**, building, 2416' from DER, 250' left of centerline 50' AGL/520 MSL.

# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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**TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND  
DIVERSE VECTOR AREA (RADAR VECTORS)**

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**SALLISAW, OK**

SALLISAW MUNI (JSV)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 10MAR11 (11069) (FAA)

TAKEOFF MINIMUMS:

**Rwy 17**, 400-2¼ or std. w/min. climb of 229' per NM to 1100.**Rwy 35**, 700-2¼ or std. w/min. climb of 450' per NM to 1400.

DEPARTURE PROCEDURE:

**Rwy 17**, climb heading 175° to 1100 before turning left.

TAKEOFF OBSTACLE NOTES:

**Rwy 17**, multiple trees beginning 197' from DER, 300' left of centerline, up to 89' AGL/598' MSL.

Multiple trees beginning 508' from DER, 178' right of centerline, 65' AGL/574' MSL.

Tree 2214' from DER, 180' right of centerline, 63' AGL/ 573' MSL.

**Rwy 35**, tower 2874' from DER, 719' left of centerline, 90' AGL/647' MSL.

Tower 3278' from DER, 1051' left of centerline, 80' AGL/649' MSL.

Tower 1.9 NM from DER, 331' right of centerline, 495' AGL/1161' MSL.

**SAND SPRINGS, OK**

WILLIAM R POGUE MUNI (OWP)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3 10MAR11 (11069) (FAA)

TAKEOFF MINIMUMS:

**Rwy 35**, 300-1¼ or std. w/ min. climb of 253' per NM to 1300.

DEPARTURE PROCEDURE:

**Rwy 17**, climb heading 169° to 1900 before turning left.**Rwy 35**, climb heading 349° to 2300 before turning right.

TAKEOFF OBSTACLE NOTES:

**Rwy 17**, trees beginning 76' from DER, 235' left of centerline, up to 59' AGL/969' MSL.

Trees beginning 231' from DER, 346' right of centerline, up to 59' AGL/939' MSL.

**SEARCY, AR**

SEARCY MUNI (SRC)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 20OCT11 (11293) (FAA)

TAKEOFF OBSTACLE NOTES:

**Rwy 1**, trees beginning 984' from DER, 327' left of centerline, up to 62' AGL/322' MSL.

Trees beginning 1202' from DER, 576' right of centerline, up to 53' AGL/303' MSL.

**Rwy 19**, trees beginning 1521' from DER, 629' left of centerline, up to 56' AGL/283' MSL.

Trees beginning 2638' from DER, 816' right of centerline, up to 98' AGL/331' MSL.

**SEMINOLE, OK**

SEMINOLE MUNI (SRE)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 15MAR07 (07074) (FAA)

TAKEOFF OBSTACLE NOTES:

**Rwy 16**, power line 419' from DER, 403' left of centerline, 46' AGL/1025' MSL.**SHAWNEE, OK**

SHAWNEE RGNL (SNL)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 29JUL10 (10210) (FAA)

TAKEOFF OBSTACLE NOTES:

**Rwy 17**, multiple trees 620' from DER, 176' left of centerline, up to 41' AGL/1111' MSL.

Multiple light poles 1408' from DER, 650' left of centerline, up to 39' AGL/1109' MSL.

Multiple trees 165' from DER, 85' right of centerline, up to 43' AGL/1103' MSL.

**Rwy 35**, tree 93' from DER, 499' left of centerline, 15' AGL/1075' MSL.

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# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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## SHERIDAN, AR

### SHERIDAN MUNI (9M8)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 10DEC15 (15344) (FAA)

#### DEPARTURE PROCEDURE:

- Rwy 1**, Climb heading 012° to 2400 before turning east.  
**Rwy 19**, Climb heading 192° to 800 before turning north.

#### TAKEOFF OBSTACLE NOTES:

- Rwy 1**, trees left and right of centerline beginning 9' from DER, up to 112' AGL/354' MSL.  
Vehicle on road crossing right to left beginning 113' from DER, 15' AGL/251' MSL.  
**Rwy 19**, trees left and right of centerline beginning 2' from DER, 5' right of centerline, up to 109' AGL/332' MSL.  
Ground beginning 42' from DER, 248' left of centerline, up to 232' MSL.  
Building 126' from DER, 424' left of centerline, 18' AGL/250' MSL.  
Poles beginning 261' from DER, 218' left of centerline, up to 35' AGL/266' MSL.  
Tower 695' from DER, 375' left of centerline, 21' AGL/251' MSL.  
Transmission lines beginning 1318' from DER, 182' left of centerline, up to 32' AGL/264' MSL.

## SILOAM SPRINGS, AR

### SMITH FIELD (SLG)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 25OCT07 (07298) (FAA)

#### TAKEOFF OBSTACLE NOTES:

- Rwy 18**, light pole 1320' from DER, 358' right of centerline, 31' AGL/ 1209' MSL.  
Trees 795' from DER, 354' left of centerline, up to 25' AGL/ 1197' MSL.  
Trees 1272' from DER, 340' right of centerline, up to 34' AGL/1212' MSL.  
**Rwy 36**, power pole 1185' from DER, 567' right of centerline, 31' AGL/1223' MSL.  
Trees 528' from DER, 424' left of centerline, up to 54' AGL/1241' MSL.  
Trees 532' from DER, 354' right of centerline, up to 39' AGL/1232' MSL.

## SPRINGDALE, AR

### SPRINGDALE MUNI (ASG)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 5 18NOV10 (10322) (FAA)

#### TAKEOFF MINIMUMS:

- Rwy 36**, 400-2½ or std. w /min. climb of 332' per NM to 1900.

#### DEPARTURE PROCEDURE:

- Rwy 36**, Climb heading 003° to 2000 before turning.

#### TAKEOFF OBSTACLE NOTES:

- Rwy 18**, trees and poles beginning 166' from DER, 242' left of centerline, up to 56' AGL/1395' MSL.  
Trees beginning 42' from DER, 374' right of centerline, up to 69' AGL/1408' MSL.  
**Rwy 36**, trees, tower, fence, and road beginning 296' from DER, 191' left of centerline, up to 44' AGL/1404' MSL. Poles, trees, and building beginning 354' from DER, 324' right of centerline, up to 59' AGL/1418' MSL.

## STIGLER, OK

### STIGLER RGNL (GZL)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 24JUL14 (14205) (FAA)

#### TAKEOFF MINIMUMS:

- Rwy 17**, 400-2½ or std. w/min. climb of 210' per NM to 1100.

- Rwy 35**, NA - Obstacles.

#### TAKEOFF OBSTACLE NOTES:

- Rwy 17**, trees beginning 189' from DER, 229' right of centerline, up to 52' AGL/651' MSL.  
Tower 2 NM from centerline, 2399' right of centerline, 296' AGL/913' MSL.

## STILLWATER, OK

### STILLWATER RGNL (SWO)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 20OCT11 (21112) (FAA)

#### DEPARTURE PROCEDURE:

- Rwy 17**, climb heading 174° to 1600 before turning right.  
**Rwy 22**, climb heading 220° to 2500 before turning right.

#### TAKEOFF OBSTACLE NOTES:

- Rwy 4**, fence 191' from DER, 271' left of centerline, 11' AGL/991' MSL.  
Tree 857' from DER, 545' left of centerline, 30' AGL/1 020' MSL.  
Tree 498' from DER, 331' right of centerline, 26' AGL/1 006' MSL.  
**Rwy 17**, building and trees beginning 1075' from DER, from 540' left of centerline, up to 60' AGL/1019' MSL.  
**Rwy 22**, trees beginning 1158' from DER, 770' left of centerline, up to 60' AGL/1029' MSL.  
**Rwy 35**, trees beginning 94' from DER, 229' left of centerline, up to 60' AGL/1059' MSL.  
Trees beginning 782' from DER, 669' right of centerline, up to 60' AGL/1039' MSL.  
Plant 1688' from DER, 729' right of centerline, 79' AGL/1059' MSL.

# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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## STUTT GART, AR

STUTT GART MUNI CARL HUMPHREY FIELD (SGT)  
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES  
ORIG-A 22JUN17 (17173) (FAA)  
TAKEOFF OBSTACLE NOTES:  
**Rwy 18**, tree 108' from DER, 286' right of centerline, up to 9' AGL/227' MSL.  
**Rwy 27**, tree 188' from DER, 152' left of centerline, 7' AGL/227' MSL.

## TAHLEQUAH, OK

TAHLEQUAH MUNI (TQH)  
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES  
AMDT 1 05JUN08 (08157) (FAA)  
TAKEOFF MINIMUMS:  
**Rwy 35**, 300-1½ or std. w/ min. climb of 345' per NM to 1200.  
TAKEOFF OBSTACLE NOTES:  
**Rwy 17**, trees beginning 80' from DER, 16' right of centerline, up to 60' AGL/911' MSL.  
Trees and poles beginning 139' from DER, 337' left of centerline, up to 34' AGL/855' MSL.  
Light 1042' from DER, 403' left of centerline, 29' AGL/878' MSL.  
**Rwy 35**, poles and trees beginning 23' from DER, 42' left of centerline, up to 56' AGL/1075' MSL.  
Poles and trees beginning 1334' from DER, 29' right of centerline, up to 40' AGL/1058' MSL.  
Building 4492' from DER, 889' left centerline, 24' AGL/1024' MSL.

## TEXARKANA, AR

TEXARKANA RGNL-WEBB FLD (TXK)  
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES  
AMDT 4 20DEC07 (21112) (FAA)  
TAKEOFF OBSTACLE NOTES:  
**Rwy 4**, multiple trees 881' from DER, 677' left of centerline, 60' AGL/419' MSL.  
Multiple trees 767' from DER, 621' right of centerline, 75' AGL/434' MSL.  
**Rwy 13**, multiple trees 21' from DER, 372' left of centerline, 75' AGL/424' MSL.  
Multiple trees 1819' from DER, 133' left of centerline, 99' AGL/438' MSL.  
Multiple trees beginning 237' from DER, 344' right of centerline, 98' AGL/457' MSL.  
**Rwy 22**, multiple trees beginning 122' from DER, 276' left of centerline, 47' AGL/406' MSL.  
Multiple trees beginning 132' from DER, 348' right of centerline, 71' AGL/400' MSL.  
**Rwy 31**, vehicle on road 346' from DER, on centerline, 15' AGL/391' MSL.  
Multiple trees 535' from departure end of runway, 124' left of centerline, 60' AGL/391' MSL.  
Multiple trees beginning 454' from DER, 349' right of centerline, 70' AGL/429' MSL.  
Multiple trees 1962' from DER, 195' left of centerline, 60' AGL/429' MSL.

## THOMAS, OK

THOMAS MUNI (104)  
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES  
ORIG 30APR15 (15120) (FAA)  
TAKEOFF MINIMUMS:  
**Rwy 35**, 400-1½ or std. w/min. climb of 335' per NM to 2300.  
DEPARTURE PROCEDURE:  
**Rwy 35**, climb heading 355° to 2300 before turning left.  
TAKEOFF OBSTACLE NOTES:  
**Rwy 17**, vehicles on roadway beginning 12' from DER, 470' right of centerline, up to 15' AGL/1757' MSL.  
Trees, poles, and buildings beginning 65' from DER, 460' right of centerline, up to 35' AGL/1778' MSL.  
Fence beginning 192' from DER, 195' left of centerline, up to 9' AGL/1739' MSL.  
**Rwy 35**, vehicles on roadway beginning 28' from DER, 458' left of centerline, up to 15' AGL/1747' MSL.  
Building, pole, and signs beginning 15' from DER, 404 left of centerline, up to 34' AGL/1765' MSL.  
Vehicles on roadway beginning 337' from DER, left and right of centerline, up to 15' AGL/1750' MSL.  
Tree 2044' from DER, 950' left of centerline, 62' AGL/1794' MSL.

## TINKER AFB (KTIK),

OKLAHOMA CITY, OK  
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES  
21AUG14 (14233)  
TAKEOFF MINIMUMS:  
**Rwy 31**, 1600-3, or standard with a minimum climb of 240 ft/NM to 4000', then standard climb rate. Climb on track 306° to 4000' MSL prior to executing a right turn, left turns may be initiated at 3300' MSL.  
**Rwy 36**, 1600-3, or standard with a minimum climb of 220 ft/NM to 4000', then standard climb rate. Intercept TIK R-354 climbing to 4000' MSL prior to executing left turn.  
TAKEOFF OBSTACLE NOTES:  
**Rwy 31**, Trees 47' AGL/1267' MSL, 1778' from DER, 927' right of centerline.  
Monument 41' AGL/1264' MSL, 1473' from DER, 1337' right of centerline.  
Trees 28' AGL/1245' MSL, 2862' from DER, 1641' right of centerline.

# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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## TULSA, OK

RICHARD LLOYD JONES JR (RVS)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 8 20JUN19 (19171) (FAA)

TAKEOFF MINIMUMS:

**Rwy 13**, 300-3 or std. w/min. climb of 330' per NM to 1000.

**Rwy 31**, 400-2/4, or 300-1 w/min. climb of 315' per NM to 1100, or std. w/min. climb of 610' per NM to 900, or 1100-3 for VCOA.

DEPARTURE PROCEDURE:

**Rwys 1L, 1R**, climb heading 010° to 1500, before proceeding on course.

**Rwy 13**, climb heading 130° to 1500, before proceeding on course.

**Rwys 19L, 19R**, climb heading 190° to 1500, before proceeding on course.

**Rwy 31**, climb heading 295° to 1500, before proceeding on course.

VCOA:

**Rwy 31**, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Richard Lloyd Jones Jr airport at or above 1600 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

**Rwy 1L**, railroad 397' from DER, 594' right of centerline, 23' AGL/652' MSL.

Tree 1492' from DER, 626' right of centerline, 80' AGL/700' MSL.

**Rwy 1R**, railroad 162' from DER, 226' right of centerline, 646' MSL.

Tree 249' from DER, 236' right of centerline, 669' MSL.

Pole and vehicle on road beginning 521' from DER, 116' right of centerline, up to 53' AGL/673' MSL.

Tree 1843' from DER, 73' left of centerline, 700' MSL.

**Rwy 13**, trees and building beginning 63' from DER, 101' right of centerline, up to 100' AGL/724' MSL.

Tree 1960' from DER, 91' left of centerline, 679' MSL.

Tree 2437' from DER, 31' left of centerline, 699' MSL.

Pole 5849' from DER, 1921' left of centerline, up to 144' AGL/765' MSL.

Pole 5909' from DER, 1901' left of centerline, up to 150' AGL/771' MSL.

Tree and poles beginning 5961' from DER, 1786' left of centerline, up to 168' AGL/788' MSL.

**Rwy 19L**, vehicle on road 516' from DER, 282' left of centerline, 15' AGL/644' MSL.

Tree 790' from DER, 310' left of centerline, 665' MSL.

Tree 1378' from DER, 457' left of centerline, 683' MSL.

**Rwy 19R**, vehicle on road 333' from DER, 563' left of centerline, 15' AGL/644' MSL.

Tree 2247' from DER, 1020' left of centerline, 685' MSL.

**Rwy 31**, building 507' from DER, 344' right of centerline, 19' AGL/640' MSL.

Tree 1372' from DER, 264' left of centerline, 679' MSL.

Tree 1598' from DER, 117' right of centerline, 682' MSL.

Tree 1614' from DER, 76' left of centerline, 683' MSL.

Tree 1745' from DER, 186' right of centerline, 688' MSL.

Tree 2160' from DER, 74' left of centerline, 721' MSL.

Tree and transmission lines beginning 2728' from DER, 310' left centerline, up to 786' MSL.

Transmission line 2732' from DER, 27' right of centerline, 92' AGL/728' MSL.

Transmission line 4655' from DER, 1747' left of centerline, 117' AGL/792' MSL.

Tree 1.3 NM from DER, 1223' right of centerline, 872' MSL.

Tank 1.3 NM from DER, 1768' left of centerline, AGL/918' MSL.

Tower, sign, tree beginning 1.4 NM from DER, 120' right of centerline, up to 84' AGL/914' MSL.

## TULSA INTL (TUL)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1B 07NOV19 (19311) (FAA)

DEPARTURE PROCEDURE:

**Rwy 26**, climb on a heading between 292° CW to 086° from DER, or min. climb of 222' per NM to 2900 for headings 087° through 291°.

TAKEOFF OBSTACLE NOTES:

**Rwy 8**, sign 131' from DER, 466' right of centerline, 8' AGL/637' MSL.

Tree 825' from DER, 713' left of centerline, 660' MSL.

Building, pole beginning 1030' from DER, 690' right of centerline, up to 48' AGL/677' MSL.

Transmission lines beginning 1608' from DER, crossing left and right of centerline, up to 679' MSL.

**Rwy 18L**, tree 1880' from DER, 905' left of centerline, 74' AGL/693' MSL.

**Rwy 18R**, vehicle on road 200' from DER, 419' right of centerline, 15' AGL/687' MSL.

Ant on building 549' from DER, 447' left of centerline, 22' AGL/692' MSL.

Building 411' from DER, 574' right of centerline, 39' AGL/699' MSL.

Sign 1151' from DER, 757' right of centerline, 46' AGL/720' MSL.

Building 2847' from DER, 690' right of centerline, 118' AGL/788' MSL.

**Rwy 26**, antenna and buildings beginning 1031' from DER, 745' left of centerline, up to 51' AGL/707' MSL.

Tree 1544' from DER, 425' left of centerline, 53' AGL/713' MSL.

**Rwy 36L**, trees 726' from DER, 608' right of centerline, 69' AGL/659' MSL.

Trees 822' from DER, 596' left of centerline, 82' AGL/672' MSL.

**Rwy 36R**, lights and NAVAID 2' from DER, on centerline, 1' AGL/627' MSL.

Trees beginning 1630' from DER, 470' left of centerline, up to 84' AGL/674' MSL.

# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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## VANCE AFB (KEND)

ENID, OK

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 26JUL12 (12208)

TAKEOFF OBSTACLE NOTES:

**Rwy 17C**, barrier (when raised) 24' AGL/1321' MSL, 146' into overrun, on centerline.

**Rwy 17L**, terrain, 1293' MSL, 239' from DER, 56' left of centerline.

Terrain, 1295' MSL, abeam departure end of runway, 156' right of centerline.

Wind sensor, 33' AGL/1325' MSL, 211' from DER, 578' right of centerline.

T-1 aircraft on taxiway, 14' AGL/1298' MSL, 204' from DER, 186' right of centerline.

T-1 aircraft on taxiway, 14' AGL/1303' MSL, 383' from DER, 575' left of centerline.

Trees, 70' AGL/ 1349' MSL, 2479' from DER, 1136' left of centerline.

Trees, 70' AGL/1355' MSL, 1620' from DER, 944' left of centerline.

**Rwy 17R**, barrier (when raised), 24' AGL/1336' MSL, 145' into overrun, on centerline.

**Rwy 35C**, barrier (when raised), 24' AGL/1301' MSL, 140' into overrun, on centerline.

**Rwy 35L**, barrier (when raised), 24' AGL/1303' MSL, 142' into overrun, on centerline.

Vehicle on road, 10' AGL/1273' MSL, 735' from DER, 603' right of centerline.

**Rwy 35R**, wind sensor, 33' AGL/1299' MSL, 1885' from DER, 576' left of centerline.

Vehicle on road, 10' AGL/1284' MSL, 145' from DER, 291' left of centerline.

T-1 aircraft on taxiway, 14' AGL/ 1280' MSL, 212' from DER, 575' right of centerline.

## WAGONER, OK

HEFNER-EASLEY (H68)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 03JAN19 (19003) (FAA)

TAKEOFF OBSTACLE NOTES:

**Rwy 18**, tree, terrain beginning 25' from DER, 131' right of centerline, up to 622' MSL.

Tree, vehicles on road, beginning 39' from DER, 186' left of centerline, up to 44' AGL/641' MSL.

Pole, terrain beginning 108' from DER, 146' right of centerline, up to 627' MSL.

Tree 187' from DER, 544' right of centerline, 62' AGL/657' MSL.

Tree, wind indicator, pole, terrain, vehicles on road, building beginning 260' from DER, 150' right of centerline, up to 60' AGL/659' MSL.

Tree, pole beginning 545' from DER, 232' right of centerline, up to 661' MSL.

Pole, tree beginning 691' from DER, 11' left of centerline, up to 647' MSL.

Tree, building beginning 874' from DER, 272' left of centerline, up to 651' MSL.

Trees beginning 922' from DER, 365' right of centerline, up to 79' AGL/672' MSL.

Tree, pole beginning 949' from DER, on centerline, up to 80' AGL/674' MSL.

Trees beginning 953' from DER, 2' left of centerline, up to 652' MSL.

Trees beginning 1315' from DER, 1' left of centerline, up to 653' MSL.

Trees beginning 2193' from DER, 139' left of centerline, up to 83' AGL/680' MSL.

**Rwy 36**, trees beginning 28' from DER, 248' right of centerline, up to 620' MSL.

Trees beginning 63' from DER, 363' left of centerline, up to 599' MSL.

Trees beginning 69' from DER, 221' right of centerline, up to 36' AGL/630' MSL.

Trees beginning 284' from DER, 1' right of centerline, up to 634' MSL.

Trees beginning 288' from DER, 260' left of centerline, up to 602' MSL.

Trees beginning 449' from DER, 230' left of centerline, up to 603' MSL.

## WALNUT RIDGE, AR

WALNUT RIDGE RGNL (ARG)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 20OCT11 (11293) (FAA)

TAKEOFF OBSTACLE NOTES:

**Rwy 4**, tree 2675' from DER, 756' left of centerline, 78' AGL/349' MSL.

**Rwy 18**, vehicles on roadway 66' from DER, 487' left of centerline, up to 15' AGL/284' MSL.

**Rwy 31**, vehicles on roadway beginning 56' from DER, left and right of centerline, up to 15' AGL/291' MSL.

**Rwy 36**, trees beginning 123' from DER, left and right of centerline, up to 87' AGL/319' MSL.

Pole 192' from DER, 410' right of centerline, 50' AGL/321' MSL.

Vehicles on roadway beginning 460' from DER, left and right of centerline, up to 17' AGL/291' MSL.

## WARREN, AR

WARREN MUNI (3M9)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 22SEP11 (11265) (FAA)

TAKEOFF OBSTACLE NOTES:

**Rwy 3**, trees beginning at DER, 190' left and right of centerline, up to 100' AGL/335' MSL.

Vehicle on road, building, and hangar beginning 2' from DER, 192' right of centerline, up to 22' AGL/257' MSL.

**Rwy 21**, trees beginning at DER, 172' left and right of centerline, up to 100' AGL/297' MSL.

Terrain rising 115' from DER, 13' left and right of centerline, up to 210' MSL.



# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)



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**TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND**

  
**DIVERSE VECTOR AREA (RADAR VECTORS)**

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**WATONGA, OK**

WATONGA RGNL (JWG)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 25OCT07 (07298) (FAA)

TAKEOFF MINIMUMS:

**Rwy 17**, 400-2 or std. with a min. climb of 315' per NM to 2000.

TAKEOFF OBSTACLE NOTES:

**Rwy 17**, vehicle on road 165' from DER, 471' left of centerline, 15' AGL/1554' MSL.

Elevator 5609' from DER, 614' left of centerline, 177' AGL/1694' MSL.

**Rwy 35**, trees beginning 3318' from DER, 435' left of centerline, up to 100' AGL/1689' MSL.

Vehicle on road 284' from DER, 471' right of centerline, 15' AGL/1584' MSL.

**WEATHERFORD, OK**

THOMAS P. STAFFORD (OJA)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 10MAY07 (07130) (FAA)

DEPARTURE PROCEDURE:

**Rwy 17**, climb via heading 188° to 2500 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

**Rwy 17**, truck on road 682' from DER, crossing centerline, 17' AGL/1636' MSL.

Multiple trees beginning 2605' from DER, 652' right of centerline, up to 100' AGL/1699' MSL.

**Rwy 35**, tree 1421' from DER, 413' right of centerline, 40' AGL/1649' MSL.**WEST MEMPHIS, AR**

WEST MEMPHIS MUNI (AWM)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 18MAY00 (00139) (FAA)

TAKEOFF OBSTACLE NOTES:

**Rwy 17**, 101' AGL trees 2155' from DER, 196' right of centerline.**WOODWARD, OK**

WEST WOODWARD (WWR)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1A 25OCT07 (07298) (FAA)

DEPARTURE PROCEDURE:

**Rwy 17**, climb heading 172° to 3100 before proceeding on course.

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INSTRUMENT APPROACH PROCEDURE CHARTS

**A** IFR ALTERNATE AIRPORT MINIMUMS

Standard alternate minimums for non-precision approaches and approaches with vertical guidance [NDB, VOR, LOC, TACAN, LDA, SDF, VOR/DME, ASR, RNAV (GPS) or RNAV (RNP)] are 800-2. Standard alternate minimums for precision approaches (ILS, PAR, or GLS) are 600-2. Airports within this geographical area that require alternate minimums other than standard or alternate minimums with restrictions are listed below. NA - means alternate minimums are not authorized due to unmonitored facility, absence of weather reporting service, or lack of adequate navigation coverage. Civil pilots see FAR 91. IFR Alternate Minimums: Ceiling and Visibility Minimums not applicable to USA/USN/USAF. Pilots must review the IFR Alternate Minimums Notes for alternate airfield suitability.

NAME ALTERNATE MINIMUMS

**ADA, OK**

ADA RGNL (ADH).....RNAV (GPS) Rwy 18  
RNAV (GPS) Rwy 36

NA when local weather not available.  
Category C, 900-2¼; Category D, 900-2½.

**ALTUS, OK**

ALTUS/QUARTZ MOUNTAIN  
RGNL (AXS).....RNAV (GPS) Rwy 17  
RNAV (GPS) Rwy 35  
VOR-A<sup>1</sup>

NA when local weather not available.  
<sup>1</sup>NA when Altus tower closed.

**ALVA, OK**

ALVA RGNL (AVK).....RNAV (GPS) Rwy 18  
RNAV (GPS) Rwy 36

NA when local weather not available.  
Category C, 800-2¼.

**ARDMORE, OK**

ARDMORE DOWNTOWN  
EXECUTIVE (1F0).....RNAV (GPS) Rwy 17  
RNAV (GPS) Rwy 35

Category D, 800-2½

ARDMORE  
MUNI (ADM).....ILS or LOC Rwy 31<sup>14</sup>  
RNAV (GPS) Rwy 13<sup>25</sup>  
RNAV (GPS) Rwy 31<sup>5</sup>  
VOR-B<sup>3</sup>

<sup>1</sup>ILS, Categories A, B, C, D, 700-2.  
<sup>2</sup>Category D, 800-2¼.  
<sup>3</sup>Category D, 800-2½.  
<sup>4</sup>NA when control tower closed.  
<sup>5</sup>NA when local weather not available.

**BARTLESVILLE, OK**

BARTLESVILLE  
MUNI (BVO).....RNAV (GPS) Rwy 17  
RNAV (GPS) Rwy 35  
VOR/DME Rwy 35<sup>1</sup>

NA when local weather not available.  
<sup>1</sup>Category D, 800-2¼.

NAME ALTERNATE MINIMUMS

**BATESVILLE, AR**

BATESVILLE  
RGNL (BVX).....RNAV (GPS) Rwy 8  
RNAV (GPS) Rwy 26

NA when local weather not available.

**BENTONVILLE, AR**

BENTONVILLE MUNI/LOUISE M THADEN  
FIELD (VBT).....RNAV (GPS) Rwy 18  
RNAV (GPS) Rwy 36

NA when local weather not available.

**BLACKWELL, OK**

BLACKWELL-TONKAWA  
MUNI (BKN).....RNAV (GPS) Rwy 17  
RNAV (GPS) Rwy 35  
VOR-A

NA when local weather not available.

**BLYTHEVILLE, AR**

BLYTHEVILLE  
MUNI (HKA).....RNAV (GPS) Rwy 18  
RNAV (GPS) Rwy 36

NA when local weather not available.

**BURNS FLAT, OK**

CLINTON-  
SHERMAN (CSM).....ILS or LOC Rwy 17R<sup>14</sup>  
RNAV (GPS) Rwy 17R<sup>2</sup>  
RNAV (GPS) Rwy 35L<sup>2</sup>  
VOR Rwy 35L<sup>2</sup>

NA when control tower closed.  
<sup>1</sup>ILS, Category D, 700-2¼; Category E, 700-2½;  
LOC, Category D, 800-2¼;  
Category E, 800-2½.  
<sup>2</sup>Category D, 800-2¼; Category E, 800-2½.

**CAMDEN, AR**

HARRELL FIELD (CDH).....RNAV (GPS) Rwy 1  
RNAV (GPS) Rwy 19

NA when local weather not available.

**CHANDLER, OK**

CHANDLER  
RGNL (CQB).....RNAV (GPS) Rwy 17

NA when local weather not available

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NAME ALTERNATE MINIMUMS

**CLINTON, OK**

CLINTON  
RGNL (CLK).....RNAV (GPS) Rwy 17  
RNAV (GPS) Rwy 35  
NA when local weather not available.

**CUSHING, OK**

CUSHING  
MUNI (CUH).....RNAV (GPS) Rwy 18  
RNAV (GPS) Rwy 36  
NA when local weather not available.  
Category D, 800-2¼.

**DEQUEEN, AR**

J. LYNN HELMS SEVIER  
COUNTY (DEQ).....RNAV (GPS) Rwy 8  
NA when local weather not available.

**DURANT, OK**

DURANT RGNL-  
EAKER FIELD (DUA).....RNAV (GPS) Rwy 17  
RNAV (GPS) Rwy 35  
NA when local weather not available.

**ELK CITY, OK**

ELK CITY  
RGNL BUSINESS (ELK).....RNAV (GPS) Rwy 17  
RNAV (GPS) Rwy 35  
Category D, 1000-3.

**EL RENO, OK**

EL RENO  
RGNL (RQO).....RNAV (GPS) Rwy 17  
RNAV (GPS) Rwy 35  
NA when local weather not available.  
Category D, 800-2¼.

**ENID, OK**

ENID WOODRING  
RGNL (WDG).....ILS or LOC Rwy 35<sup>123</sup>  
RNAV (GPS) Rwy 17<sup>14</sup>  
RNAV (GPS) Rwy 35<sup>4</sup>  
VOR Rwy 17<sup>15</sup>  
VOR Rwy 35<sup>15</sup>

<sup>1</sup>NA when local weather not available.  
<sup>2</sup>NA when control tower closed.  
<sup>3</sup>LOC, Category E, 900-3.  
<sup>4</sup>Category D, 800-2¼; Category E, 900-3.  
<sup>5</sup>Category D, 800-2¼.

**FAYETTEVILLE, AR**

DRAKE FLD (FYV).....LDA Rwy 34<sup>12</sup>  
LOC Rwy 16<sup>134</sup>  
RNAV (GPS) Rwy 16<sup>34</sup>  
RNAV (GPS) Rwy 34<sup>34</sup>

<sup>1</sup>NA when control tower closed.  
<sup>2</sup>Category C, 1100-3.  
<sup>3</sup>NA when local weather not available.  
<sup>4</sup>Categories C, D, 1100-3.

NAME ALTERNATE MINIMUMS

**FAYETTEVILLE/SPRINGDALE/**

**ROGERS, AR**  
NORTHWEST ARKANSAS  
NTL (XNA).....ILS or LOC Rwy 16<sup>12</sup>  
ILS or LOC Rwy 34<sup>13</sup>  
RNAV (GPS) Rwy 16<sup>4</sup>  
RNAV (GPS) Rwy 34<sup>4</sup>

<sup>1</sup>NA when control tower closed.  
<sup>2</sup>ILS, LOC, Category C, 800-2¼ ; Category D, 800- 2½; Category E, 800-2¼.  
<sup>3</sup>LOC, Category C, 800-2¼ ; Category D, 800- 2½; Category E, 800-2¼.  
<sup>4</sup>Category C, 800-2¼ ; Category D, 800- 2½; Category E, 800-2¼.

**FLIPPIN, AR**

MARION COUNTY  
RGNL (FLP).....RNAV (GPS) Rwy 4  
Category C, 800-2¼.

**FORT SMITH, AR**

FORT SMITH  
RGNL (FSM).....ILS or LOC Rwy 7<sup>1</sup>  
ILS or LOC Rwy 25<sup>1</sup>  
RADAR-1<sup>34</sup>  
RNAV (GPS) Rwy 1<sup>2</sup>  
RNAV (GPS) Rwy 7<sup>3</sup>  
RNAV (GPS) Rwy 25<sup>3</sup>  
VOR/DME or TACAN Rwy 7<sup>34</sup>  
VOR or TACAN Rwy 25<sup>4</sup>

<sup>1</sup>LOC, Category C, 1000-2¾;  
Categories D, E, 1000-3.  
<sup>2</sup>Category D, 800-2¼.  
<sup>3</sup>Category D, 800-2¼; Category E, 800-2½.  
<sup>4</sup>NA when control tower closed.

**FREDERICK, OK**

FREDERICK  
RGNL (FDR).....RNAV (GPS) Rwy 35  
NA when local weather not available.

**GUTHRIE, OK**

GUTHRIE-EDMOND  
RGNL (GOK).....RNAV (GPS) Rwy 16  
RNAV (GPS) Rwy 34  
NA when local weather not available.

**GUYMON, OK**

GUYMON  
MUNI (GUY).....RNAV (GPS) Rwy 18  
RNAV (GPS) Rwy 36  
NA when local weather not available.

**HARRISON, AR**

BOONE  
COUNTY (HRO).....RNAV (GPS) Rwy 18  
RNAV (GPS) Rwy 36  
Category C, 1000-3; Category D, 1200-3.

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## NAME ALTERNATE MINIMUMS

**HENRY POST AAF (KFSI)**

FORT SILL, OK.....VOR Rwy 18  
 VOR Rwy 36  
 RNAV (GPS) Rwy 18  
 RNAV (GPS) Rwy 36

Category D, 800-2¼.

NA when local weather not available.

**HOBART, OK**

HOBART  
 RGNL (HBR).....RNAV (GPS) Rwy 17  
 RNAV (GPS) Rwy 35  
 VOR Rwy 35

NA when local weather not available.

**HOLLIS, OK**

HOLLIS  
 MUNI (O35).....RNAV (GPS) Rwy 18  
 RNAV (GPS) Rwy 36

Category B, 900-2.

**HOT SPRINGS, AR**

MEMORIAL  
 FIELD (HOT).....VOR Rwy 5  
 NA when local weather not available.  
 Category C, 900-2½; Category D, 1100-3.

**HUGO, OK**

STAN STAMPER  
 MUNI (HHW).....RNAV (GPS) Rwy 17<sup>1</sup>  
 RNAV (GPS) Rwy 35

Category C, 800-2¼; Category D, 800-2½.

<sup>1</sup>NA when local weather not available.

**JONESBORO, AR**

JONESBORO  
 MUNI (JBR).....ILS or LOC Rwy 23<sup>1</sup>  
 RNAV (GPS) Rwy 5<sup>2</sup>  
 RNAV (GPS) Rwy 23<sup>2</sup>  
 RNAV (GPS) Rwy 31<sup>2</sup>  
 VOR Rwy 23<sup>2</sup>

NA when local weather not available.

<sup>1</sup>LOC, Category D, 900-2¼.

<sup>2</sup>Category D, 900-2¼.

**LAWTON, OK**

LAWTON-FORT SILL  
 RGNL (LAW).....ILS or LOC Rwy 35<sup>12</sup>  
 RNAV (GPS) Rwy 35<sup>3</sup>  
 VOR Rwy 35<sup>3</sup>

<sup>1</sup>NA when control tower closed.

<sup>2</sup>LOC, Category D, 800-2¼.

<sup>3</sup>Category D, 800-2¼.

## NAME ALTERNATE

**LITTLE ROCK, AR**

BILL AND HILLARY CLINTON NTL/  
 ADAMS FLD (LIT).....ILS or LOC Rwy 4L<sup>1</sup>  
 ILS or LOC Rwy 4R<sup>1</sup>  
 ILS or LOC Rwy 22L<sup>1</sup>  
 ILS or LOC Rwy 22R<sup>23</sup>  
 RNAV (GPS) Rwy 4L<sup>4</sup>  
 RNAV (GPS) Rwy 4R<sup>4</sup>  
 RNAV (GPS) Rwy 18<sup>4</sup>  
 RNAV (GPS) Rwy 22L<sup>4</sup>  
 RNAV (GPS) Rwy 22R<sup>4</sup>  
 RNAV (GPS) Rwy 36<sup>4</sup>  
 VOR-A<sup>4</sup>

<sup>1</sup>LOC, Category C, 1000-2¼; Category D, 1000-3.

<sup>2</sup>NA when local weather not available.

<sup>3</sup>ILS, Category B, 800-2; Category C, 1000-2¼;

Category D, 1000-3; LOC, Category C, 1000-2¼;

Category D, 1000-3.

<sup>4</sup>Category C, 1000-2¼; Category D, 1000-3.

**MC ALESTER, OK**

MC ALESTER  
 RGNL (MLC).....RNAV (GPS) Rwy 2  
 RNAV (GPS) Rwy 20

NA when local weather not available.

**MENA, AR**

MENA INTERMOUNTAIN  
 MUNI (MEZ).....RNAV (GPS) Rwy 17  
 Category B, 1100-2; Category C, 1200-3.

NA when local weather not available.

**MIAMI, OK**

MIAMI RGNL (MIO).....RNAV (GPS) Rwy 17  
 VOR/DME-A

NA when local weather not available.

**MONTICELLO, AR**

MONTICELLO MUNI/  
 ELLIS FIELD (LLQ).....RNAV (GPS) Rwy 3<sup>1</sup>  
 RNAV (GPS) Rwy 21<sup>2</sup>  
 VOR-A<sup>1</sup>

<sup>1</sup>NA when local weather not available.

<sup>2</sup>Category D, 800-2¼.

**MOUNTAIN HOME, AR**

BAXTER  
 COUNTY (BPK).....RNAV (GPS) Rwy 5  
 RNAV (GPS) Rwy 23

NA when local weather not available.

**MUSKOGEE, OK**

MUSKOGEE-DAVIS  
 RGNL (MKO).....RNAV (GPS) Rwy 4  
 RNAV (GPS) Rwy 13<sup>1</sup>  
 RNAV (GPS) Rwy 22  
 RNAV (GPS) Rwy 31<sup>1</sup>

NA when local weather not available.

<sup>1</sup>Category E, 1000-3.

NAME ALTERNATE MINIMUMS

**NEWPORT, AR**

NEWPORT  
RGNL (M19).....RNAV (GPS) Rwy 18  
RNAV (GPS) Rwy 36  
VOR Rwy 18<sup>1</sup>

NA when local weather not available.  
<sup>1</sup>Categories A, B, 1100-2; Categories C, D, 1100-3.

**NORMAN, OK**

UNIVERSITY OF OKLAHOMA  
WESTHEIMER (OUN).....ILS or LOC Rwy 18<sup>12</sup>  
LOC Rwy 3<sup>13</sup>  
RNAV (GPS) Rwy 3<sup>3</sup>  
RNAV (GPS) Rwy 18<sup>3</sup>  
RNAV (GPS) Rwy 36<sup>3</sup>

NA when local weather not available.  
<sup>1</sup>NA when control tower closed.  
<sup>2</sup>ILS, Categories A, B, 700-2; Category C, 800-2½; Category D, 800-2½; LOC, Category C, 800-2½; Category D, 800-2½.  
<sup>3</sup>Category C, 800-2½; Category D, 800-2½.

**NORTH LITTLE ROCK, AR**

NORTH LITTLE ROCK  
MUNI (ORK).....LOC Rwy 5  
RNAV (GPS) Rwy 35

NA when local weather not available.

**OKLAHOMA CITY, OK**

CLARENCE E.  
PAGE MUNI (RCE).....RNAV (GPS) Rwy 17R  
RNAV (GPS) Rwy 35L  
VOR-B

NA when local weather not available.

WILEY POST (PWA).....ILS or LOC Rwy 17L<sup>1</sup>  
ILS or LOC Rwy 35R<sup>1</sup>  
RNAV (GPS) Rwy 17L  
RNAV (GPS) Rwy 17R  
RNAV (GPS) Rwy 35L  
RNAV (GPS) Rwy 35R  
VOR Rwy 17L

NA when local weather not available.  
<sup>1</sup>NA when control tower closed.

NAME ALTERNATE MINIMUMS

**OKLAHOMA CITY, OK (CON'T)**

WILL ROGERS  
WORLD (OKC).....ILS or LOC Rwy 17L<sup>1</sup>  
ILS or LOC Rwy 17R<sup>2</sup>  
ILS or LOC Rwy 35L<sup>1</sup>  
ILS or LOC Rwy 35R<sup>1</sup>  
RADAR-1<sup>3</sup>  
RNAV (GPS) Rwy 13<sup>4</sup>  
RNAV (GPS) Rwy 31<sup>4</sup>  
RNAV (GPS) Y Rwy 17L<sup>5</sup>  
RNAV (GPS) Y Rwy 17R<sup>4</sup>  
RNAV (GPS) Y Rwy 35L<sup>5</sup>  
RNAV (GPS) Y Rwy 35R<sup>5</sup>  
VOR Rwy 17L<sup>6</sup>

<sup>1</sup>ILS, Category C, 700-2; Category D, 800-2½; Category E, 1000-3; LOC, Category D, 800-2½; Category E, 1000-3.  
<sup>2</sup>LOC, Category D, 800-2½; Category E, 1000-3.  
<sup>3</sup>Category E, 1000-3.  
<sup>4</sup>Category D, 800-2½.  
<sup>5</sup>Category D, 800-2½; Category E, 1000-3.  
<sup>6</sup>Categories A, B, 1100-2; Categories C, D, E, 1100-3.

**OKMULGEE, OK**

OKMULGEE  
RGNL (OKM).....RNAV (GPS) Rwy 18<sup>1</sup>  
RNAV (GPS) Rwy 36<sup>2</sup>

<sup>1</sup>NA when local weather not available.  
<sup>2</sup>Category D, 1000-3.

**PARAGOULD, AR**

KIRK FIELD (PGR).....RNAV (GPS) Rwy 4  
RNAV (GPS) Rwy 22

NA when local weather not available.

**PAULS VALLEY, OK**

PAULS VALLEY  
MUNI (PVJ).....RNAV (GPS) Rwy 17  
RNAV (GPS) Rwy 35<sup>1</sup>

NA when local weather not available.  
<sup>1</sup>Category D, 800-2½.

**PINE BLUFF, AR**

PINE BLUFF RGNL AIRPORT GRIDER  
FIELD (PBF).....RNAV (GPS) Rwy 18  
NA when local weather not available.

**POCAHONTAS, AR**

POCAHONTAS  
MUNI (M70).....RNAV (GPS) Rwy 18  
RNAV (GPS) Rwy 36  
Category C, 900-2½; Category D, 900-2¾.

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NAME ALTERNATE MINIMUMS

**PONCA CITY, OK**

PONCA CITY  
 RGNL (PNC).....RNAV (GPS) Rwy 17  
 RNAV (GPS) Rwy 35

NA when local weather not available.

**POTEAU, OK**

ROBERT S KERR (RKR).....RNAV (GPS) Rwy 18  
 RNAV (GPS) Rwy 36

NA when local weather not available.  
 Category D, 800-2¼.

**PRYOR, OK**

MID-AMERICA  
 INDUSTRIAL (H71).....RNAV (GPS) Rwy 36  
 Category C, 1000-2¼; Category D, 1000-3.  
 NA when local weather not available.

**ROGERS, AR**

ROGERS EXEC - CARTER  
 FLD (ROG).....ILS or LOC Rwy 20<sup>1</sup>  
 RNAV (GPS) Rwy 20<sup>2</sup>

<sup>1</sup>ILS, Categories, C, D, 700-2.<sup>2</sup>NA when local weather not available.**RUSSELLVILLE, AR**

RUSSELLVILLE  
 RGNL (RUE).....RNAV (GPS) Rwy 7  
 Category D, 900-2¼.

**SEARCY, AR**

SEARCY MUNI (SRC).....RNAV (GPS) Rwy 1  
 RNAV (GPS) Rwy 19

NA when local weather not available.

**SEMINOLE, OK**

SEMINOLE  
 MUNI (SRE).....RNAV (GPS) Rwy 16

NA when local weather not available.

**SHAWNEE, OK**

SHAWNEE  
 RGNL (SNL).....ILS or LOC Rwy 17  
 RNAV (GPS) Rwy 17  
 RNAV (GPS) Rwy 35

NA when local weather not available.

**SILOAM SPRINGS, AR**

SMITH FIELD (SLG).....RNAV (GPS) Rwy 18  
 RNAV (GPS) Rwy 36

NA when local weather not available.

**SPRINGDALE, AR**

SPRINGDALE  
 MUNI (ASG).....RNAV (GPS) Rwy 36

Category D, 900-2¼.

NA when local weather not available.

NAME ALTERNATE

**STIGLER, OK**

STIGLER RGNL (GZL).....RNAV (GPS) Rwy 35  
 NA when local weather not available.

**STILLWATER, OK**

STILLWATER  
 RGNL (SWO).....ILS or LOC Rwy 17<sup>1</sup>  
 RNAV (GPS) Rwy 17  
 RNAV (GPS) Rwy 35  
 VOR Rwy 17  
 VOR/DME Rwy 35

Category D, 800-2¼.

NA when local weather not available.

<sup>1</sup>NA when control tower closed.**STUTT GART, AR**

STUTT GART MUNI CARL HUMPHREY  
 FIELD (SGT).....ILS or LOC Rwy 36  
 RNAV (GPS) Rwy 9  
 RNAV (GPS) Rwy 18  
 RNAV (GPS) Rwy 27  
 RNAV (GPS) Rwy 36

NA when local weather not available.

**TAHLEQUAH, OK**

TAHLEQUAH  
 MUNI (TQH).....RNAV (GPS) Rwy 17  
 RNAV (GPS) Rwy 35

NA when local weather not available.

**TEXARKANA, AR**

TEXARKANA RGNL-WEBB  
 FLD (TXK).....ILS or LOC Rwy 22<sup>12</sup>  
 LOC BC Rwy 4<sup>1</sup>  
 RNAV (GPS) Rwy 4  
 RNAV (GPS) Rwy 13  
 RNAV (GPS) Rwy 22  
 RNAV (GPS) Rwy 31  
 VOR Rwy 13

NA when local weather not available.

<sup>1</sup>NA when control tower closed.<sup>2</sup>ILS, Category D, 700-2.**TULSA, OK**

RICHARD LLOYD  
 JONES, JR (RVS).....ILS or LOC Rwy 1L<sup>12</sup>  
 RNAV (GPS) Rwy 1L<sup>3</sup>  
 RNAV (GPS) Rwy 19R<sup>2</sup>  
 VOR/DME-A<sup>3</sup>

<sup>1</sup>NA when control tower closed.<sup>2</sup>LOC, Category D, 800-2¼.<sup>3</sup>Category D, 800-2¼.

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NAME ALTERNATE MINIMUMS NAME ALTERNATE

**TULSA, OK (CON'T)**

TULSA INTL (TUL).....ILS or LOC Rwy 18L<sup>2</sup>  
 ILS or LOC Rwy 18R<sup>1</sup>  
 ILS or LOC Rwy 36R<sup>3</sup>  
 RADAR-1<sup>4</sup>  
 RNAV (GPS) Rwy 8<sup>4</sup>  
 RNAV (GPS) Rwy 18L<sup>4</sup>  
 RNAV (GPS) Rwy 18R<sup>4</sup>  
 RNAV (GPS) Rwy 36L<sup>5</sup>  
 RNAV (GPS) Rwy 36R<sup>4</sup>  
 VOR/DME Rwy 8<sup>4</sup>  
 VOR or TACAN Rwy 26<sup>4</sup>

<sup>1</sup>ILS, LOC, Category C, 900-2½; Category D, 900-2¾.

<sup>2</sup>LOC, Category C, 900-2½; Category D, 900-2¾; Category E, 900-3.

<sup>3</sup>LOC, Category C, 900-2½; Category D, 900-2¾; Category E, 900-3.

<sup>4</sup>Category C, 900-2½; Category D, 900-2¾; Category E, 900-3.

<sup>5</sup>Category C, 900-2½; Category D, 900-2¾.

**WALNUT RIDGE, AR**

WALNUT RIDGE  
 RGNL (ARG).....RNAV (GPS) Rwy 4  
 RNAV (GPS) Rwy 18  
 RNAV (GPS) Rwy 22  
 RNAV (GPS) Rwy 36

NA when local weather not available.

**WEATHERFORD, OK**

THOMAS P  
 STAFFORD (OJA).....RNAV (GPS) Rwy 17  
 RNAV (GPS) Rwy 35

NA when local weather not available.

Category C, 800-2¾.

**WEST MEMPHIS, AR**

WEST MEMPHIS  
 MUNI (AWM).....RNAV (GPS) Rwy 17  
 RNAV (GPS) Rwy 35

NA when local weather not available.

**WOODWARD, OK**

WEST  
 WOODWARD (WWR).....RNAV (GPS) Rwy 17  
 RNAV (GPS) Rwy 35  
 VOR/DME-A

NA when local weather not available.

Category D, 800-2¾.

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21112

M6

# RADAR MINS

21112

N1

## RADAR INSTRUMENT APPROACH MINIMUMS

### FORT SMITH, AR

Amdt 8D, 20JUN19 (19171) (FAA)

ELEV 469

### FORT SMITH RGNL (FSM)

RADAR-1 120.9 343.75 **▽ ▲**

	<u>RWY</u>	<u>GP/TCH/RPI</u>	<u>CAT</u>	<u>DA/ MDA-VIS</u>	<u>HAT/ HAA</u>	<u>CEIL-VIS</u>	<u>CAT</u>	<u>DA/ MDA-VIS</u>	<u>HAT/ HAA</u>	<u>CEIL-VIS</u>
ASR	25		AB	1040/24	594	(600-½)	C	1040/50	594	(600-1)
			D	1040/60	594	(600-1¼)	E	1040-1½	594	(600-1½)
	1		AB	1140-1	692	(700-1)	C	1140-2	692	(700-2)
			D	1140-2¼	692	(700-2¼)	E	1140-2½	692	(700-2½)
	7		AB	1200-½	731	(800-½)	C	1200-1½	731	(800-1½)
			D	1200-1¾	731	(800-1¾)	E	1200-2	731	(800-2)
CIRCLING	ALL RWY		AB	1200-1	731	(800-1)	C	1200-2	731	(800-2)
			D	1200-2¼	731	(800-2¼)	E	1200-2½	731	(800-2½)

When control tower closed ASR not authorized.

Rwy 1 helicopter visibility reduction below ¾ SM not authorized.

Rwy 7 helicopter visibility reduction below ¾ SM not authorized.

Circling CAT E NA when R-2401B active.

Circling NA northwest of Rwy 7 and 19 for CAT E.

For inoperative MALSR, increase S-7 CAT E visibility to 2½ miles, and S-25 CAT E visibility to 2 miles.

### HENRY POST AAF (KFSI), OK (Fort Sill) (Amdt 13, 19171 USA)

ELEV 1188

RADAR - (E) 120.55 322.4 **▽ ▲** NA

	<u>RWY</u>	<u>GS/TCH/RPI</u>	<u>CAT</u>	<u>DH/ MDA-VIS</u>	<u>HAT/ HATH/ HAA</u>	<u>CEIL-VIS</u>
ASR	36 <sup>2</sup>		AB	1600/40	413	(500-¾)
			CDE	1600/50	413	(500-1)
			AB	1880-1	692	(700-1)
CIR <sup>1</sup>	18-36		CDE	1880-2	692	(700-2)
			AB	1880-1	692	(700-1)
			C	1880-2	692	(700-2)
			D	1920-2¼	732	(800-2¼)
			E	1940-2¾	752	(800-2¾)

When local altimeter setting not received, use Lawton-Ft Sill Rgnl altimeter setting.

<sup>1</sup>Circling NA for CAT E W of Rwy 18-36.

<sup>2</sup>When ALS inop, increase CAT CDE RVR to 60.

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SC-1, 22 APR 2021 to 17 JUN 2021

## RADAR INSTRUMENT APPROACH MINIMUMS

# RADAR MINS

21112

N1

SC-1

# RADAR MINS

21112

N2

## RADAR INSTRUMENT APPROACH MINIMUMS

### LAWTON, OK

Amdt 4A, 10JAN00 (00010) (FAA)

ELEV 1110

### LAWTON-FORT SILL RGNL (LAW)

RADAR-1 - 120.55 322.4

	<u>RWY</u>	<u>GP/TCH/RPI</u>	<u>CAT</u>	<u>DA/</u> <u>MDA-VIS</u>	<u>HAT/</u> <u>HAA</u>	<u>CEIL-VIS</u>	<u>CAT</u>	<u>DA/</u> <u>MDA-VIS</u>	<u>HAT/</u> <u>HAA</u>	<u>CEIL-VIS</u>
ASR	35		ABC	1560-¾	471	(500-¾)	D	1560-1	471	(500-1)
CIRCLING	ALL RWY		AB D	1600-1 1680-2	490 570	(500-1) (600-2)	C	1620-1½	510	(600-1½)

### LAWTON, OK

Amdt 1B, 08AUG02 (02220) (FAA)

ELEV 1110

### LAWTON-FORT SILL RGNL (LAW)

RADAR-2 - 120.55 322.4

	<u>RWY</u>	<u>GP/TCH/RPI</u>	<u>CAT</u>	<u>DA/</u> <u>MDA-VIS</u>	<u>HAT/</u> <u>HAA</u>	<u>CEIL-VIS</u>	<u>CAT</u>	<u>DA/</u> <u>MDA-VIS</u>	<u>HAT/</u> <u>HAA</u>	<u>CEIL-VS</u>
ASR	17		AB	1620-1	510	(600-1)	CD	1620-1½	510	(600-1½)
CIRCLING	ALL RWY		AB D	1620-1 1680-2	510 570	(600-1) (600-2)	C	1620-1½	510	(600-1½)

### OKLAHOMA CITY, OK

Amdt 2A, 07APR11 (11153) (FAA)

ELEV 1299

### WILEY POST (PWA)

RADAR-1 124.6 266.8 

	<u>RWY</u>	<u>GP/TCH/RPI</u>	<u>CAT</u>	<u>DA/</u> <u>MDA-VIS</u>	<u>HAT/</u> <u>HAA</u>	<u>CEIL-VIS</u>	<u>CAT</u>	<u>DA/</u> <u>MDA-VIS</u>	<u>HAT/</u> <u>HAA</u>	<u>CEIL-VIS</u>
ASR	35R		AB D	1840-1 1840-1¾	541 541	(600-1) (600-1¾)	C	1840-1½	541	(600-1½)
CIRCLING	ALL RWY		AB D	1840-1 1880-2	541 581	(600-1) (600-2)	C	1840-1½	541	(600-1½)

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## RADAR INSTRUMENT APPROACH MINIMUMS

# RADAR MINS

21112

N2

SC-1

**RADAR INSTRUMENT APPROACH MINIMUMS**

**OKLAHOMA CITY, OK**

Amdt 21A, 13OCT16 (20030) (FAA)

ELEV 1296

**WILL ROGERS WORLD (OKC)**

RADAR-1 124.6 266.8 **▽ ▲**

	<u>RWY</u>	<u>GP/TCH/RPI</u>	<u>CAT</u>	<u>DA/ MDA-VIS</u>	<u>HAT/ HAA</u>	<u>CEIL-VIS</u>
ASR	17L		ABCDE	1680/40	393	(400-¾)
	35R		ABCDE	1680/40	386	(400-¾)
	17R		ABCDE	1680/40	398	(400-¾)
	35L		ABCDE	1680/40	404	(400-¾)
CIRCLING	ALL RWY		A	1740-1¼	444	(500-1¼)
			B	1760-1¼	464	(500-1¼)
			C	1960-1¼	664	(700-1¼)
			D	2000-2¼	704	(800-2¼)
			E	2240-3	944	(1000-3)

For inoperative MALSR, increase S-17L, S-17R, and S-35L CAT E visibility to 1¼.

For inoperative ALSF, increase S-35R CAT E visibility to 1¼.

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**RADAR INSTRUMENT APPROACH MINIMUMS**



**RADAR INSTRUMENT APPROACH MINIMUMS**

**TINKER AFB (KTIK)**, (Oklahoma City) OK (20086 USAF)

ELEV 1291

**RADAR - Ctc OKLAHOMA CITY APP CON (E) 118.95 323.1** 

ASR	<u>RWY</u>	<u>GS/TCH/RPI</u>	<u>CAT</u>	<u>DH/</u> <u>MDA-VIS</u>	<u>HAT/</u> <u>HATh/</u> <u>HAA</u>	<u>CEIL-VIS</u>
	36 <sup>1</sup>		A	1940/24	649	(700-½)
			B	1940/40	649	(700-¾)
			C	1940/60	649	(700-1¼)
			D	1940-1½	649	(700-1½)
			E	1940-1¾	649	(700-1¾)
	18 <sup>2</sup>		A	2000/40	733	(800-¾)
			B	2000/50	733	(800-1)
			C	2000-1¾	733	(800-1¾)
			D	2000-2	733	(800-2)
			E	2000-2¼	733	(800-2¼)
CIR <sup>3</sup>	36		A	1940-1	649	(700-1)
			B	1940-1¼	649	(700-1¼)
			C	1940-1¾	649	(700-1¾)
			D	1980-2¼	689	(700-2¼)
			E	2040-2¾	749	(800-2¾)
	18		A	2000-1	709	(800-1)
			B	2000-1¼	709	(800-1¼)
			C	2000-2	709	(800-2)
			D	2000-2¼	709	(800-2¼)
			E	2040-2¾	749	(800-2¾)

<sup>1</sup>When ALS inop, increase CAT A RVR to 50 and vis to 1 mile, CAT B RVR to 60 and vis to 1¼ miles, CAT C vis to 1¾ miles, CAT D vis to 2 miles, CAT E vis to 2¼ miles.

<sup>2</sup>When ALS inop, increase CAT A RVR to 50 and vis to 1 mile, CAT B RVR to 60 and vis to 1¼ miles, CAT C vis to 2 miles, CAT D vis to 2¼ miles, CAT E vis to 2½ miles.

<sup>3</sup>CAT E circling not authorized in sector S of Rwy 13-31 and W of Rwy 18-36.

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**RADAR INSTRUMENT APPROACH MINIMUMS**

**RADAR INSTRUMENT APPROACH MINIMUMS**

**TULSA, OK**

Amdt 18A, 22APR21 (21112) (FAA)

ELEV **678**

**TULSA INTL (TUL)**

RADAR-1 124.0 338.3 **T A**

	<u>RWY</u>	<u>GP/TCH/RPI</u>	<u>CAT</u>	<u>DA/ MDA-VIS</u>	<u>HAT/ HAA</u>	<u>CEIL-VIS</u>	<u>CAT</u>	<u>DA/ MDA-VIS</u>	<u>HAT/ HAA</u>	<u>CEIL-VIS</u>	
ASR	8		AB	1120-1	449	(500-1)	CDE	1120-1 $\frac{1}{2}$	449	(500-1 $\frac{3}{4}$ )	
	18L		AB	1080/24	439	(500- $\frac{1}{2}$ )	CDE	1080/40	439	(500- $\frac{3}{4}$ )	
	18R		AB	1080-1	413	(500-1)	CD	1080-1 $\frac{1}{2}$	413	(500-1 $\frac{1}{2}$ )	
			E	NA							
	26		AB	1160- $\frac{1}{2}$	508	(600-1)	CDE	1160-1	508	(600-1)	
	36L		AB	1180-1	502	(600-1)	CD	1180-1 $\frac{1}{2}$	502	(600-1 $\frac{3}{4}$ )	
			E	NA							
	36R		AB	1140/24	490	(500- $\frac{1}{2}$ )	CDE	1140/50	490	(500-1)	
	<b>C</b> CIRCLIN G ALL RWY			AB	1180-1	502	(600-1)	C	1500-2 $\frac{1}{2}$	822	(900-2 $\frac{1}{2}$ )
				D	1520-2 $\frac{3}{4}$	842	(900-2 $\frac{3}{4}$ )	E	1520-3	842	(900-3)

Circling NA for CAT E South of runway 8-26.  
Rwy 18R helicopter visibility reduction below  $\frac{3}{4}$  SM NA.

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**RADAR INSTRUMENT APPROACH MINIMUMS**