WEIGHT & BALANCE CALCULATIONS

RV-8 N405ST SER#83615

RV-8 WEIGHT AND BALANCE CALCULATIONS

aircraft weighed in a level attitude with oil

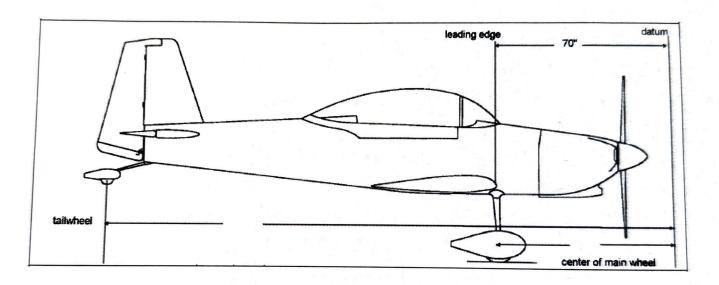
AVC registration N 4055T Date 03-05-2021 Performed by Scott Anderson

<u>DATUM</u> (70 inches forward of leading edge)

<u>CG RANGE</u> 78.70 inches aft of datum

86.82 inches aft of datum

ARMS FWD BAGGAGE 58.51 inches FUEL 80.00 inches PILOT 91.78 inches **PASSENGER** 119.12 inches AFT BAGGAGE FLOOR 138.00 inches AFT BAGGAGE SHELF 152.91 inches



EMPTY AIRCRAFT	WEIGHT	ARM	MOMENT
RIGHT WHEEL	540.0	68.76	37/30.40
			37267.92
TAILWHEEL	51.0	251.25	12813.75
TOTAL	1/33.0		87212.07
CG	76.97		CG = MOMENT DIVIDED BY WEIGHT

SAMPLE 1: TYPICAL LOADING, STD PILOT WEIGHT

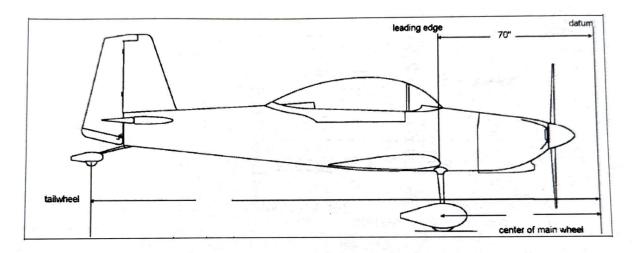
	WEIGHT	ARM	MOMENT
EMPTY AIRCRAFT	p 9-25-		
FWD BAGGAGE	The second second second	58.51	
FUEL		80.00	
PILOT	000	91.78	26272
PASSENGER		119.12	
AFT BAGGAGE FLOOR		138.00	The second secon
AFT BAGGAGE SHELF		152.91	
TOTAL			
cg[CG = MOMENT DIVIDED BY WEIGHT

RV-8 WEIGHT AND BALANCE CALCULATIONS aircraft weighed in a level attitude with oil

A/C registration N40557 Date 02-07-19 Performed by Scott ANDERSON

DATUM (70 inches forward of leading edge) CG RANGE 78.70 inches aft of datum 86.82 inches aft of datum

ARMS FWD BAGGAGE 58.51 inches **FUEL** 80.00 inches **PILOT** 91.78 inches **PASSENGER** 119.12 inches AFT BAGGAGE FLOOR inches 138.00 AFT BAGGAGE SHELF 152.91 inches



EMPTY AIRCRAFT	WEIGHT	ARM	MOMENT	
RIGHT WHEEL	537.0	68.76	36924.12	
LEFT WHEEL	538.0	68.76	3699288	
TAILWHEEL	52.0	251.26	1306500	
TOTAL	1127.0	200	86992.00	
CG	77.19	No. Company	CG = MOMENT	DIVIDED BY WEIGHT

SAMPLE 1: TYPICAL LOADING, STD PILOT WEIGHT

	WEIGHT	ARM	MOMENT
EMPTY AIRCRAFT	1127.0	77.19	86993.13
FWD BAGGAGE	0	58.51	0
FUEL	252.0	80.00	20160.00
PILOT	210.0	91.78	19273.80
PASSENGER	0	119.12	0
AFT BAGGAGE FLOOR	0	138.00	0
AFT BAGGAGE SHELF	0	152.91	0
TOTAL	1589.0		126426.93
CG	79.56		CG = MOMENT DIVIDED BY WEIGHT

SAMPLE 2: AS ABOVE,	BUT WITH	REDUCED	FUEL (END OF TRIP
Critin LL Livie	WEIGHT	ADM	MOMENT

	WEIGHT	AKW	MOMENT	
EMPTY AIRCRAFT	1127.0	77.19	86993.13	
FWD BAGGAGE		58.51	0	
FUEL	126.0	80.00	10080.0	21 9465
PILOT	210.0	91.78	19273.8	
PASSENGER	0	119.12	0	
AFT BAGGAGE FLOOR	0	138.00	0	
AFT BAGGAGE SHELF	0	152.91	0	
TOTAL	1463.0		116346.	93
cg[79.52			

SAMPLE 3: GROSS WEIGHT W/ HEAVY PILOT, REDUCED FUEL

	WEIGHT	ARM	MOMENT	
EMPTY AIRCRAFT	1127	77.19	86993.13	
FWD BAGGAGE	٥	58.51	0	
FUEL	126	80.00	10080.0	219445
PILOT	275	91.78	25239.5	
PASSENGER	0	119.12	0	
AFT BAGGAGE FLOOR	0	138.00	0	
AFT BAGGAGE SHELF	0	152.91	0	<u> </u>
TOTAL	1528		122312.0	03
CG	80.04			

SAMPLE 4: AS ABOVE BUT W/ MINIMUM FUEL

	WEIGHT	ARM	MOMENT	
EMPTY AIRCRAFT	1127	77.19	86993.13	
FWD BAGGAGE	0	58.51	0	
FUEL	60	80.00	4800.0	10 GALS
PILOT	275	91.78	25239.5	
PASSENGER	0	119.12	0	
AFT BAGGAGE FLOOR	0	138.00	0	
AFT BAGGAGE SHELF	0	152.91	0	
TOTAL	1462		117,032.	63
cg	80.04			

SAMPLE 5: BIG PEOPLE, and FORWARD BAGGAGE

	WEIGHT	ARM	MOMENT	
EMPTY AIRCRAFT	1127	77.19	86993.13	
FWD BAGGAGE	25.0	58.51	1462.75	
FUEL	144.0	80.00	11520.0	24 9465
PILOT	250	91.78	22945.0	
PASSENGER	250	119.12	29780.0	
AFT BAGGAGE FLOOR	0	138.00	0	
AFT BAGGAGE SHELF	0	152.91	0	
TOTAL	1796		152700.	88
CG	85.02			

RV-8 WEIGHT AND BALANCE CALCULATIONS

aircraft weighed in a level attitude with oil

A/C registration Date Performed by

DATUM (70 inches forward of leading edge) CG RANGE 78.70 inches aft of datum

86.82 inches aft of datum

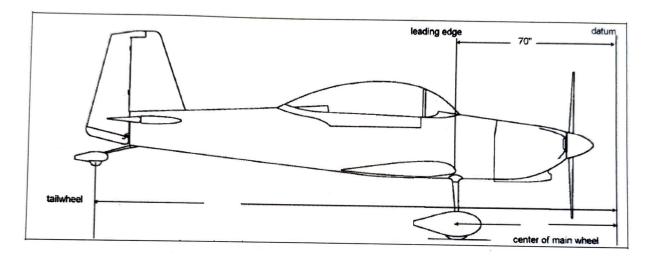
ARMS FWD BAGGAGE

58.51 inches **FUEL** 80.00 inches

PILOT 91.78 inches

PASSENGER 119.12 inches AFT BAGGAGE FLOOR 138.00 inches

AFT BAGGAGE SHELF 152.91 inches



EMPTY AIRCRAFT	WEIGHT	ARM	MOMENT
RIGHT WHEEL	537.0		
LEFT WHEEL	538.0		
TAILWHEEL			
TOTAL			
cg			CG = MOMENT DIVIDED BY WEIGHT

SAMPLE 1: TYPICAL	LOADING	STO BU OT WEIGHT
SAMPLE I. I TPICAL	LUADING,	SID PILOI WEIGHT

		WEIGHT	ARM	MOMENT
	EMPTY AIRCRAFT	1127	77.19	86,993.13
Smoke Teak -	> FWD BAGGAGE	43.0	58.51	2515.93
	FUEL	252.0	80.00	20/60,00
9215	PILOT	225,0	91.78	20650,50
	PASSENGER		119.12	Ó
0 = 1 = 1	AFT BAGGAGE FLOOR	0	138.00	0
(ELT)	AFT BAGGAGE SHELF	2,0	152.91	305.82
	TOTAL	- M - 1 / 1988	and the second s	4

SMOKE TANK calculations

EMPTY TANK - 16 165 FULL TANK - 60 165

Smoke oil. 8.8 165 per 981.

109974.88 CG = MOMENT DIVIDED BY WEIGHT

8-s14r2 12/22/97

3 9215

1376 165 useable Anallable

RV-8 WEIGHT AND BALANCE SAMPLE CALCULATIONS

aircraft weighed in a level attitude with oil

<u>DATUM</u> (70 inches forward of leading edge)
<u>CG RANGE</u> Forward limit: 78.70 inches aft of datum Aft limit: 86.82 inches aft of datum

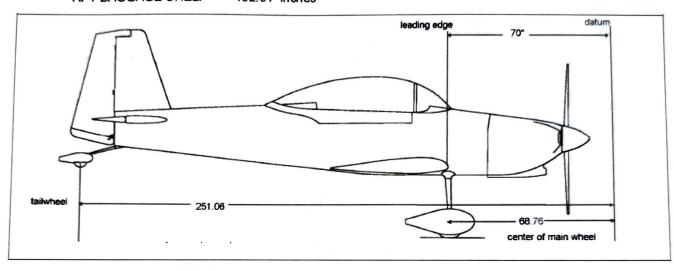
ARMS FWD BAGGAGE 58.51 inches

> FUEL 80.00 inches

PILOT 91.78 inches

PASSENGER 119.12 inches

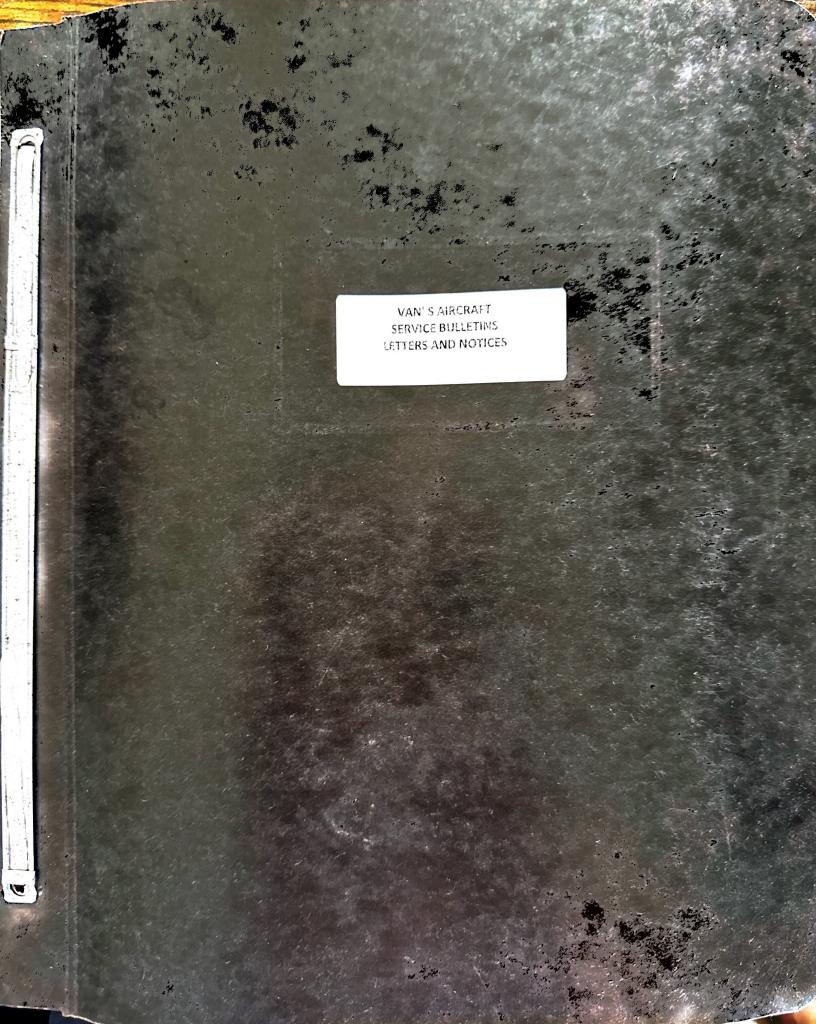
AFT BAGGAGE FLOOR 138.00 inches AFT BAGGAGE SHELF 152.91 inches



EMPTY AIRCRAFT	WEIGHT	ARM	MOMENT	
RIGHT WHEEL	509.00	68.76	34998.84	
LEFT WHEEL	516.00	68.76	35480.16	
TAILWHEEL	44.00	251.06	11046.64	
TOTAL	1069.00		81525.64	
CG	76.26	CG = MON	IENT DIVIDED	BY WEIGHT

SAMPLE 1: TYPICAL LOADING, STD PILOT WEIGHT

	WEIGHT	ARM	MOMENT	
EMPTY AIRCRAFT	1069.00	76.26	81521.94	
FWD BAGGAGE	00.00	58.51	00.00	
FUEL (42 US gal.)	252.00	80.00	20160.00	
PILOT	170.00	91.78	15602.60	
PASSENGER	170.00	119.12	20250.40	
AFT BAGGAGE FLOOR	20.00	138.00	2760.00	
AFT BAGGAGE SHELF	10.00	152.91	1529.10	
TOTAL	1691.00	11/14/11/11	141824.04	
cg	83.87		CG WITHIN LI	MITS



SERVICE BULLETINS ISSUED BY VAN'S AIRCRAFT

Current As of: 2/4/2017

02-26-2021



SERVICE BULLETIN 00036 - REV 3

Date Released:

February 28, 2023 (Revision 3 – Corrections made)

February 25, 2023 (Revision 2 - New parts and method of

compliance)

February 2, 2023 (Revision 1) January 23, 2023 (Initial release)

Date Effective:

January 23, 2023

Subject:

Cracking in horizontal stabilizer rear spar at outboard

elevator hinge brackets

Affected Models:

RV-3, RV-4, RV-6/6A, RV-9/9A, RV-10, RV-14/14A

RV-7/7A and RV-8/8A Empennage Kits shipped prior to

November 2022

Required Action:

Inspect the rear spar web at the outboard elevator hinge bracket for cracks. If cracks are present in the spar web, replace the spar or stop drill the cracks, install doublers, and replace the elevator hinge brackets with updated

parts.

Time of Compliance:

Inspect within 25 flight hours or at the next annual

inspection, whichever is earlier.

If cracks are <u>not</u> present, you may continue to comply with this Service Bulletin via the prescribed inspection no less

than every 12 months, or you may complete the

modifications described in this service bulletin for aircraft

without cracks.

If cracks <u>are</u> present, the modifications required by this Service Bulletin must be completed before further flight.

Supersedes Notice:

N/A

Labor Required / SLSA Warranty Allowance: N/A

Level of Certification:

Check the rules of the local controlling agency and the

operating limitations for your aircraft

RV8 N405 CONDITIONAL INSPECTION CHECKLIST RECORDS & OIL REPORTS



1ST FLIGHT - PRE FLIGHT INSPECTION

OWNER Scott Anderson	A/C TYPE Vans Aircraft RV8	FEB 02 2019
P NO	N NUMBER N405ST	MANUFACT. DATE FEB 19 -2019
83013	THE STATE OF THE S	TOTAL A/C TIME
TYPE INSPECTION	0.5	0.9

TYPE INS	PECTIO	ON TACH TIME 0.9	
	151	FLIGHT INSPECTION INSPECTION & AIRWORTHY CERTIFICATION	
PROP.		INSPECTION FROM TO DIMENSION OF THE PROPERTY O	INSP.
GROUP		DEFECTS CRACKS LOOSE / SMOKING PILVETS	41=1
GROOF	1	REMOVE SPINNER, INSPECT BULKHEADS FOR DEFECTS, CRACKS, LOOSE / SMOKING RIVETS	NEW
	2	PROPERT DI ADEC EOD CECUDITY NICKS CRACKS UN UTILIN DAMAGE	
	3	INSPECT PROPHIB FOR EVIDENCE OF DAMAGE, CRACKS ON CONTROLLED	SA
	4	CHECK ALL MOUNT HARWARE FOR DEFECTS AND SECONTT	SK
	5	CHECK ATTACH BOLTS FOR TORQUE / SAFETY WIRE	JA
	6	CONSTANT SPEED	SA
		CHECK BLADES FOR TIGHTNESS IN HUB	34
		REMOVE PROP, REMOVE SLUDGE (IF REQUIRED)	54
		LUBRICATE AS PER MANUAL	SA
		INSPECT COMPLETE ASSEMBLY	SA
	7	RE-INSTALL SPINNER	3 A
NGINE			
ROUP		REMOVE ENGINE COWLS SELVAGE	94
	1	INDIVIDUE ENGINE GOVIES	
	2	CLEAN ENGINE AND COWLS	SA
	3	COMPRESSION TEST	
		/80 HOTCOLD_X 180/80 2.80/80 3.80/80 4.80/80	
		the state of the s	SX
	4	DRAIN ENGINE OIL (WARM)	
	5	REMOVE AND INSPECT OIL SUMP SCREEN FOR DEBRIS	SA
	6	REPLACE OIL FILTER, CUT OPEN AND INSPECT FILTER FOR DEBRIS	51
	7	CHECK OIL SENDER UNIT FOR LEAKS AND SECURITY	51
	8	CLEAN AND CHECK OIL COOLER FOR CRACKS AND SECURITY	31
	9	CHECK OIL COOLER MOUNTINGS & BAFFLES FOR CRACKS AND SECURITY	31
	10	CHECK AND CLEAN FUEL FILTER, GASCOLATOR, OR SCREENS	5+
	11	INSPECT FUEL INJECTOR LINES / NOZZELS FOR DEFECTS AND SECURITY	SA
	12	CHECK FUEL SYSTEM FOR EVIDENCE OF LEAKAGE, DETERIORATION, SECURITY	SA
	13	CHECK FUEL PUMP INLET/OUTLET FITTINGS ARE TIGHT AND SECURE	36
	14	CHECK FUEL LINES FOR AGE, DETERIORATION, LEAKS AND SECURITY	31
		CHECK ALL OIL LINES FOR AGE, DETERIORATION, LEAKS AND SECURITY	31
	15	SERVICE / REPLACE AIR FILTER, INPECT AIRBOX FOR CRACKS, SECURITY	SL
	16	CHECK CARB HEAT AND CONTROLS FOR PROPER OPERATION AND SECURITY	31
	17	CHECK CARB HEAT AND CONTROLS FOR FROME OF THE FOR AND ON LEAVAGE	A
	18	CHECK MAGS FOR PROPER INSTALLATION, SECURITY AND OIL LEAKAGE	3A
	19	REMOVE / INSTALL MAG FOR 500 HR CHECK IF REQUIRED	NA
	20	CHECK CARB / FUEL INJECTION INLET SCREENS, DRAIN CARB BOWL	
	21	CHECK / ADJUST MAG TIMING LEFT RIGHT P-MAGS NEW (NOT REQUIRED	191
	22	CHECK IGNITION HARNESS AND INSULATORS, P-LEADS FOR SECURITY	34
	23	SERVICE OR REPLACE SPARK PLUGS	36
	24	CHECK CONDITION OF ALTERNATOR, BELT AND WIRING, CHECK BELT TENSION	SA
	25	CHECK CONDITION OF STARTER AND CONNECTIONS	ISA
	26	INSPECT EXHAUST SYSTEM FOR LEAKS, MOUNTS FOR SECURITY, CRACKS, TORQUE	131
	27	INSPECT MUFFLERS, HEAT SHROUD, SCAT TUBING	9
	28	CHECK ENGINE BAFFLES AND BAFFLE ATTACHMENTS	91
a a	29	CHECK BREATHER TUBE FOR OBSTRUCTIONS, SECURITY	31
,	30	CHECK CRANKOSE FOR LEAKS ORACKS LOOSE FACTENERS FTO	31
		CHECK CRANKCSE FOR LEAKS, CRACKS, LOOSE FASTENERS, ETC.	34
	31	CHECK ENGINE MOUNTS FOR SECURITY, CHECK FIREWALL ATTACHMENT NUTS/BOLTS	31
	32	CHECK ENGINE MOUNT BUSHINGS FOR DETERIORATION	31
	33	CHECK FIREWALL SEALS	31
		CUEDIC TUBOTTUE ANIMONE	100000
	34	CHECK THROTTLE, MIXTURE, ALTERNATE AIR, PROP CONTROLS FOR SECURITY AND PROPER	01
	34	OPERATION. INSPECT ALL ATTACH HARDWARE FOR SECURITY	St
-		OPERATION. INSPECT ALL ATTACH HARDWARE FOR SECURITY CHECK ALL INJECT CLAMPS. CASKETS AND INJECT TUPE BOLT TOPOLIE	5%
	34	OPERATION. INSPECT ALL ATTACH HARDWARE FOR SECURITY CHECK ALL INLET CLAMPS, GASKETS AND INLET TUBE BOLT TORQUE FILL ENGINE OILTYPE MINERAL OIL QUARTS 7 QTS NEW ENGINE INITIAL RUN FEB	SA



	_	AIRCRAFT SERVICES	
	39	CHECK BATTERY TERMINALS ARE TIGHT, CLEAN, CABLES FOR DAMAGE, SECURITY	-A
	40	CHECK PUSHROD SHROUNDS - ECI PUSHROD RETAINER CLIPS - REPLACE IF NEC	3A
	41	PERFORM FUEL FLOW TEST AS REQUIRED (30 GPH / 200HP)	34
	42	CHECK ENGINE GROUND CABLES FOR ATTACHMENT AND SECURITY	34
ABIN			27
GROUP	-		
	1.	INSPECT CANOPY HINGES, STRUTS, LATCHES, LOCKING MECHANISM, OPERATION	SA
	2.	INSPECT CANOPY FRAME AND GLASS FOR GENERAL CONDITON	31
	3.	CHECK SEAT, SEAT BELTS, ATTACHMENTS AND BOLTS	31
	4.	CHECK ELEVATOR AND AILERON TRIM OPERATION	34
	5.	CHECK FUEL ON-OFF VALVE FOR PROPER OPERATION AND MARKING	31
	6.	CHECK FUEL SYSTEM LINES, PUMP, B-NUTS FOR SECURITY, CHAFING, LEAKS. REMOVE FUEL	
		FILTER AND CLEAN. CHECK FOR LEAKS (PUMP ON)	SA
	7.	CHECK OPERATION OF INTERIOR LIGHTING	51
	8.	CHECK RUDDER PEDALS, CABLES, CHECK TUBES AND PEDALS FOR CRACKS, SECURITY	31
	9.	CHECK CONTROL STICK, BEARINGS, PUSHRODS FOR OPERATION AND SECURITY	31
	10	CHECK INSTRUMENTS, LINES, WIRES FOR PROPER INSTALLATION AND SECURITY	54
	11	CHECK ALTIMETER / TRANSPONDER CERTIFICATION DATE	34
	12	CHECK MASTER CYLINDERS FOR PROPER INSTALLATION, LEAKS, SECURITY	34
	13	CHECK CONTROL STICKS, BOLTS, JAM NUTS, TORQUE TUBES FOR PROPER INSTALLTION AND	100
UCEL ACE	-	SECURITY. LUBRICATE ALL BEARINGS AND BUSHINGS.	91
USELAGE ROUP			-
, (OUF	1.	REMOVE ALL INSPECTION PANELS INCLUDING TAIL FAIRINGS	SA
	2.	CHECK GENERAL CONDITION OF SKIN	3/
	3.	REMOVE BAGGAGE COMPARTMENT COVERS AND BULKHEADS	51
	4.	CHECK WIRING, HOSES, ETC. FOR DAMAGE AND SECURITY	51
	5.	CHECK ANTENNA WIRES AND CONNECTIONS	31
	6.	CHECK AND SERVICE E.L.T. BATTERY GOOD UNTIL NEW BATTERY	3
	7.	CHECK BULKHEADS AND STRINGERS FOR DAMAGE	Sk
	8.	CHECK WING SPAR ATTACH BOLTS (MAIN AND AFT SPAR) FOR PROPER TORQUE	57
3	9.	CHECK EMPENNAGE SURFACES FOR DAMAGE	57
	10	CHECK RUDDER HINGES, HORN, AND ATTACHMENTS	SE
	11	CHECK VERTICAL FIN ATTACHMENTS	51
	12	CHECK ELEVATOR HINGES, HORN AND ATTACHMENTS	SK
	13	CHECK THAT ELEVATOR TRAVEL IS WITHIN LIMITS UP STD DOWN STD PER MANUAL	34
	14	CHECK HORIZONTAL STABILIZER ATTACHMENTS	51
	15	CHECK HORIZONTAL TRIM FOR INSTALLATION, SECURITY AND OPERATION.	1
		CHECK RV10 SERVO PIVOT BOLT SAFETY.	51
	16	CHECK AUTOPILOT SERVO INSTALLATION & TT SERVO ARM RETAINER SB	5
	17	RE-INSTALL PANELS AND TAIL FAIRING	0
	18	VERIFY SERVICE BULLETINS COMPLIANCE	31
VING ROUP			
11001	1.	REMOVE INSPECTION PLATES AND FAIRINGS	
	2.	CHECK WING SKINS FOR DAMAGE, DISTORTION, SMOKING OR LOOSE RIVETS, ETC.	1
	3.	CHECK AILERON HINGES, PUSHRODS FOR OPERATION	1
	4.	CHECK AUTOPILOT INSTALLATION FOR SECURITY & PROPER INSTALLATION	3
	5.	CHECK FLAP CONDITION AND SECURITY, LUBRICATE HINGES AND BEARINGS	3
	6.	CHECK FLAP OPERATION, INSPEC AND CHECK FLAP ACTUATOR AND SAFETY	15/
	7.	CHECK FOR LEAKS AT FUEL TANK ACCESS PLATES, FUEL LEVEL SENSORS	3/
	8.	CHECK SECURITY OF ACTUATOR ROD AND BEARING AT FLAP ATTACH POINT	18/
	9.	CHECK PITOT TUBE AND LINES FOR DAMAGE AND SECURITY	26
	10	CHECK WINGTIPS FOR DAMAGE AND SECURITY	31
	11	CHECK OPERATION OF LANDING LIGHTS	31
	12	CHECK OPERATION OF STROBE LIGHTS CHECK OPERATION OF STROBE LIGHTS	101
	13	CHECK OPERATION OF STROBE LIGHTS CHECK OPERATION OF POSITION LIGHTS	31
	14	RE-INSTALL INSPECTION PANELS AND FAIRINGS	56
	15	INSPECT FILE TANK INTERNALLY FOR REFLING SEALANT (S) COLD	51
	16	INSPECT FUEL TANK INTERNALLY FOR PEELING SEALANT (SLOSH)	01
		CHECK CONDITION OF FUEL CAPS, O RINGS, AND SUMP DRAINS.	12/
)	18	I RE-INSTALL INSPECTION DI ATEC AND FAIDINGS	
V	18	RE-INSTALL INSPECTION PLATES AND FAIRINGS	50

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MAR 2033

MARC



RV CONDITION INSPECTION #1

OWNER	Scott Anderson	A/C TYPE	Vans Aircraft RV8	DATE MAR 29 -20	23
SER. NO.	83615	N NUMBER	N405ST	MANUFACT, DATE	FEB 19 -2019
YPE INSP	PECTION Conditions	TACH TIME	351.6	TOTAL A/C TIME	351.6

PROP.			INSP.
GROUP		REMOVE SPINNER, INSPECT BULKHEADS FOR DEFECTS, CRACKS, LOOSE / SMOKING RIVETS	De
	1	THE PARTY AND COURTY MICKS CRACKS UR UTTER DAMAGE	30
	2	INSPECT BLADES FOR SECURITY, MICKS, STATES, CRACKS OR CORROSION INSPECT PROP HUB FOR EVIDENCE OF DAMAGE, CRACKS OR CORROSION	SA
	3	CHECK ALL MOUNT HARWARE FOR DEFECTS AND SECURITY	SA
	4	CHECK ATTACH BOLTS FOR TORQUE / SAFETY WIRE	54
	5	CHECK ATTACH BOLTS FOR TORQUE 7 3AT ETT VIII.	SA
	6	CHECK BLADES FOR TIGHTNESS IN HUB 65 FT USS	-/-
		REMOVE PROP, REMOVE SLUDGE (IF REQUIRED) Comolores 3/23/22	SA
		LUBRICATE AS PER MANUAL COMPRIETED 3/23/22	04
		INSPECT COMPLETE ASSEMBLY	34
			SI
	7	RE-INSTALL SPINNER	
ENGINE			
GROUP	-	REMOVE ENGINE COWLS	SA
	1	CLEAN ENGINE AND COWLS	SA
	2	COMPRESSION TEST	
	3	/80 HOT X COLD 178/80 2.78/80 3.78/80 4.78/80	
	1	Current 1 18/80 2, 18/80 3, 79/80	SA
	4	DRAIN ENGINE OIL (WARM) 4. 79/80	JA.
	5	REMOVE AND INSPECT OIL SUMP SCREEN FOR DEBRIS	34
	6	REPLACE OIL FILTER, CUT OPEN AND INSPECT FILTER FOR DEBRIS	SA
	7	CHECK OIL SENDER UNIT FOR LEAKS AND SECURITY	54
	8	CLEAN AND CHECK OIL COOLER FOR CRACKS AND SECURITY	SA
	9	CHECK OIL COOLER MOUNTINGS & BAFFLES FOR CRACKS AND SECURITY	SA
	10	CHECK AND CLEAN FUEL FILTER, GASCOLATOR, OR SCREENS	31
	11	INSPECT FUEL INJECTOR LINES / NOZZELS FOR DEFECTS AND SECURITY	SA
	12	CHECK FUEL SYSTEM FOR EVIDENCE OF LEAKAGE, DETERIORATION, SECURITY	SA
	13	CHECK FUEL PUMP INLET/OUTLET FITTINGS ARE TIGHT AND SECURE	51
	14	CHECK FUEL LINES FOR AGE, DETERIORATION, LEAKS AND SECURITY	SA
	15	CHECK ALL OIL LINES FOR AGE, DETERIORATION, LEAKS AND SECURITY	54
	16	SERVICE / REPLACE AIR FILTER, INPECT AIRBOX FOR CRACKS, SECURITY	51
		CHECK CARB HEAT AND CONTROLS FOR PROPER OPERATION AND SECURITY	5/
	17	CHECK MAGS FOR PROPER INSTALLATION, SECURITY AND OIL LEAKAGE	SK
	18	REMOVE / INSTALL MAG FOR 500 HR CHECK IF REQUIRED	N
	19	REMOVE / INSTALL MAG FOR 300 IN CHECK IT REQUIRED POWER	de.
	20	CHECK CARB / FUEL INJECTION INLET SCREENS, DRAIN CARB BOWL	4)
	21		-
	22	CHECK IGNITION HARNESS AND INSULATORS, P-LEADS FOR SECURITY	- DA
	23	SERVICE OR REPLACE SPARK PLUGS	3/
	24	CHECK CONDITION OF ALTERNATOR, BELT AND WIRING, CHECK BELT TENSION	21
100	25	CHECK CONDITION OF STARTER AND CONNECTIONS	31
	26	INSPECT EXHAUST SYSTEM FOR LEAKS, MOUNTS FOR SECURITY, CRACKS, TORQUE	3
	27	INSPECT MUFFLERS, HEAT SHROUD, SCAT TUBING	9000
	28	CHECK ENGINE BAFFLES AND BAFFLE ATTACHMENTS	S
	29	CHECK BREATHER TUBE FOR OBSTRUCTIONS, SECURITY	57
	30	CHECK CRANKCSE FOR LEAKS, CRACKS, LOOSE FASTENERS, ETC.	35
	31	CHECK ENGINE MOUNTS FOR SECURITY, CHECK FIREWALL ATTACHMENT NUTS/BOLTS	9:
		CHECK ENGINE MOUNTS FOR SECURITY, CHECK FIREWALL ATTACHWIENT NOTOBOSTO	4
	32	CHECK ENGINE MOUNT BUSHINGS FOR DETERIORATION	2
	33	CHECK FIREWALL SEALS	
	34	CHECK THROTTLE, MIXTURE, ALTERNATE AIR, PROP CONTROLS FOR SECURITY AND PROP	" S
		OPERATION, INSPECT ALL ATTACH HARDWARE FOR SECURITY	1
	35	CHECK ALL INLET CLAMPS, GASKETS AND INLET TUBE BOLT TORQUE	
/	36	FILL ENGINE OIL TYPE PHILLIPS YCASSO OLIAPTS 7 OTS	
	38	LUBRICATE ENGINE CONTROLS 20/50 1/12 CAM GUAND	

@ 336.4 02/10/23



	200	CHECK BATTERY TERMINALS ARE TIGHT, CLEAN. CABLES FOR DAMAGE, SECURITY	51
	39		54
	40	CHECK PUSHROD SHROUNDS - ECT FOSTINC (30 GPH / 200HP) PERFORM FUEL FLOW TEST AS REQUIRED (30 GPH / 200HP) PERFORM FUEL FLOW TEST AS REQUIRED (30 GPH / 200HP)	NA
	42	PERFORM FUEL FLOW TEST AS REQUIRED (30 GFT) 200117 CHECK ENGINE GROUND CABLES FOR ATTACHMENT AND SECURITY CHECK ENGINE GROUND CABLES FOR ATTACHMENT AND SECURITY	7
CABIN	72	CHECK ENGINE GROUND CABLES FOR ATTACHMENT AND SECURITY CHECK ENGINE GROUND CABLES FOR ATTACHMENT AND SECURITY SHITERY REPLACED ON 03 05 1 CAN DITH PAL #3	51
ROUP			R
	_	INSPECT CANOPY HINGES, STRUTS, LATCHES, LOCKING MECHANISM, OPERATION LPS ADDED.	31
	1.	INSPECT CANOPY HINGES, STRUTS, LATCHES, ESCAL CONDITON	54
	2.	INSPECT CANOPY HINGES, STRUTS, LATCHES, ESSENTIAL CONDITION INSPECT CANOPY FRAME AND GLASS FOR GENERAL CONDITION INSPECT CANOPY FRAME ATTACHMENTS AND BOLTS	31
	3.	CHECK SEAT, SEAT BELTS, ATTACHMENT OF BATION	51
	4.	CHECK FI EVATOR AND AILERON TRIM OF EXPLAINING	5N
	5.	CHECK FUEL ON-OFF VALVE FOR PROPER OPERATION AND MARKING CHECK FUEL ON-OFF VALVE FOR PROPER OPERATION AND MARKING CHECK FUEL SYSTEM LINES, PUMP, B-NUTS FOR SECURITY, CHAFING, LEAKS. REMOVE FUEL CHECK FUEL SYSTEM LINES, PUMP, B-NUTS FOR SECURITY, CHAFING, LEAKS. REMOVE FUEL	1000
	6.		SK
	0.	FILTER AND CLEAN, CHECK FOR LEAKS (FORM 500)	SA
	7.	CHECK OPERATION OF INTERIOR LIGHTING AND BEDAUS FOR CRACKS, SECURITY	SI
	8.	CHECK RUDDER PEDALS, CABLES, CHECK TODA FOR OPERATION AND SECURITY	SA
	9.	CHECK CONTROL STICK, BEARINGS, FOOTING SPER INSTALL ATION AND SECURITY	SA
	10	CHECK CONTROL STICK, BEARINGS, PUSHRODS FOR OPERATION AND SECURITY CHECK INSTRUMENTS, LINES, WIRES FOR PROPER INSTALLATION AND SECURITY CHECK ALTIMETER / TRANSPONDER CERTIFICATION DATE 600 0 7/1/ 03-2826 CHECK ALTIMETER / TRANSPONDER INSTALLATION, LEAKS, SECURITY	SA
	11	CHECK ATTIMETER / TRANSPONDER CERTIFICATION - FAVO. CECLIPITY	54
	12	CHECK ALTIMETER / TRANSPONDER CERTIFICATION BATE CHECK MASTER CYLINDERS FOR PROPER INSTALLATION, LEAKS, SECURITY CHECK CONTROL STICKS, BOLTS, JAM NUTS, TORQUE TUBES FOR PROPER INSTALLTION AND CHECK CONTROL STICKS, BOLTS, JAM NUTS, TORQUE TUBES FOR PROPER INSTALLTION AND CHECK CONTROL STICKS, BOLTS, JAM NUTS, TORQUE TUBES FOR PROPER INSTALLTION AND CHECK CONTROL STICKS, BOLTS, JAM NUTS, TORQUE TUBES FOR PROPER INSTALLTION AND CHECK CONTROL STICKS, BOLTS, JAM NUTS, TORQUE TUBES FOR PROPER INSTALLTION AND	
	13	Tailed Adulton Cticks Boiles Jawing India	54
	,,,	SECURITY. LUBRICATE ALL BEARINGS AND BUSHINGS.	
FUSELAGE			
GROUP		THE WALLENDINGS	51
SICOI	1.	REMOVE ALL INSPECTION PANELS INCLUDING TAIL FAIRINGS	51
	2.	CHECK GENERAL CONDITION OF SKIN	3
	3.		3
	4.	CHECK WIRING, HOSES, ETC. FOR DAMAGE AND GEGOVERN	3
	5.	CHECK WIRING, TIGGES, ESTATE CONNECTIONS CHECK AND SERVICE E.L.T. BATTERY GOOD UNTIL NEWSCA. JUN 2029	54
		BALLERI GOOD ONTE	5
	6.	CHECK AND SERVICE E.L.T. BRITERIA BOOK STRINGERS FOR DAMAGE CHECK BULKHEADS AND STRINGERS FOR DAMAGE CHECK BULK BULK BULK BULK BULK BULK BULK BUL	3
	7.	TOURS OF AND COMPATIACH BOLLS (WAIN AND ALL STREET	K
	8.		5
	9.	CHECK EMPENNAGE SURFACES FOR SATISFIED OF THE CHECK RUDDER HINGES, HORN, AND ATTACHMENTS CHECK RUDDER HINGES, HORN, AND ATTACHMENTS	10
	10		0
	11		1
	12	TO THE TOTAL PROPERTY OF THE P	0
	13	CHECK THAT ELEVATOR THURSES ATTACHMENTS CHECK HORIZONTAL STABLIZER ATTACHMENTS CHECK HORIZONTAL STABLIZER ATTACHMENTS CHECK HORIZONTAL STABLIZER ATTACHMENTS	-
	14	CHECK HORIZONTAL STABILIZER ATTACHMENTS CHECK HORIZONTAL TRIM FOR INSTALLATION, SECURITY AND OPERATION. CHECK HORIZONTAL TRIM FOR INSTALLATION, SECURITY AND OPERATION.	< 1
	15	CHECK HORIZONTAL TRIMT OF ROLL SAFETY	10
		CHECK HORIZONTAL TRIMING CHECK RV10 SERVO PIVOT BOLT SAFETY. CHECK AUTOPILOT SERVO INSTALLATION & TT SERVO ARM RETAINER SB CHECK AUTOPILOT SERVO INSTALLATION & TO SERVO ARM RETAINER SB	3
	16	CHECK AUTOPILOT SERVO INSTALLEMENTS	
	17	RE-INSTALL PANELS AND TAIL FAIRING	_
	18	VERIFY SERVICE BULLETINS COMPLIANCE	
/ING			
ROUP		TARRIAGO .	
	1.	REMOVE INSPECTION PLATES AND FAIRINGS	5
	2.	REMOVE INSPECTION PLATES AND FAIRINGS CHECK WING SKINS FOR DAMAGE, DISTORTION, SMOKING OR LOOSE RIVETS, ETC. CHECK WING SKINS FOR DAMAGE, DISTORTION	
	-	CHECK WING SKINS FOR DAMAGE, DISTORMENT, DISTORMENT OF CHECK AILERON HINGES, PUSHRODS FOR OPERATION CHECK AILERON HINGES, PUSHRODS FOR SECURITY & PROPER INSTALLATION	2
	3.	CHECK AILERON HINGES, PUSHRODS FOR OPERATION CHECK AUTOPILOT INSTALLATION FOR SECURITY & PROPER INSTALLATION CHECK AUTOPILOT INSTALLATION FOR SECURITY LUBRICATE HINGES AND BEARINGS	5
	4.	CHECK AUTOPILOT INSTALLATION FOR SECURITY & PROPER INSTALLATION FOR SECURITY & PROPER INSTALLATION FOR SECURITY & PROPER INSTALLATION INSPEC AND CHECK FLAP ACTUATOR AND SAFETY	9
	5.	CHECK FLAP CONDITION AND SECURITY, LUBRICATE TIMES AND SAFETY CHECK FLAP OPERATION, INSPEC AND CHECK FLAP ACTUATOR AND SAFETY CHECK FLAP OPERATION, INSPEC AND CHECK FLAP ACTUATOR AND SAFETY CHECK FLAP OPERATION, INSPEC AND CHECK FLAP ACTUATOR AND SAFETY	5
	6.	CHECK FLAP OPERATION, INSPEC AND CHECK FLAF ACTION. CHECK FOR LEAKS AT FUEL TANK ACCESS PLATES, FUEL LEVEL SENSORS CHECK FOR LEAKS AT FUEL TANK ACCESS PLATES, FUEL LEVEL SENSORS	1
	7.		6
	8.	CHECK SECURITY OF ACTUATOR ROBERTS CHECK PITOT TUBE AND LINES FOR DAMAGE AND SECURITY	<
	9.	CHECK DITOT THRE AND HINES FOR DAWAGE 7.112	-
	10	CHECK WINGTIPS FOR DAMAGE AND SECORITI	-
	11	CHECK OPERATION OF LANDING LIGHTS	200
	12	CHECK OPERATION OF STROBE LIGHTS	-42
	13	CHECK OPERATION OF POSITION LIGHTS	- 5
	14		
	15		-0
		CHECK CONDITION OF FUEL CAPS, O RINGS, AND SUMP DRAINS.	_5
	16	RE-INSTALL INSPECTION PLATES AND FAIRINGS	
	18	RE-INSTALL INSTESSMENT EXCESSION	



LANDING			34
GEAR			
	1	PLACE AIRCRAFT ON JACKS ENEME NOIS	34
	2.		31
	3.	CHECK TIRES FOR WEAR AND DAMAGE CORROSION, GENERAL CONDITION	54
,	4.	CHECK TIRES FOR WEAR AND DAMAGE REMOVE WHEELS INSPECT FOR CRACKS, CORROSION, GENERAL CONDITION REMOVE WHEELS INSPECT FOR CRACKS, CORROSION, GENERAL CONDITION REMOVE WHEELS INSPECT FOR CRACKS, CORROSION, GENERAL CONDITION	SA
	5.	REMOVE WHEELS INSPECT FOR CRACKS, GONCOURT STREET STORY OF THE STORY O	SI
	6.	CHECK BRAKE LININGS AND DISCS FOR WEAR WAY GOOD NEW BRAKE PADS INSTALLED	37
	7.	CHECK BRAKE LININGS AND DISCS FOR WEAK, SECURITY AND CONDITION CHECK BRAKE LINES, CALIPERS FOR LEAKS, SECURITY AND SECURITY CHECK ALL	SA
	8.	CHECK WHEEL FAIRINGS AND MOUNTING PLATEST ON STATES AND SESSATITY, STEEK ALL	
	0.		SA
	9.	BOLTS FOR PROPER SECURITYTORGOE. CLEAN AND LUBRICATE MAIN / NLG / TAIL WHEEL BEARINGS AND BUSHINGS	54
	10		3%
	11	RE-INSTALL WHEELS, BRAKES REMOVE TAIL WHEEL AND FORK, CLEAN AND LUBRICATE BUSHING / PIN, CHECK LOCKING	
	111	The second production of the second production	31
	10	The PARTICIPATION OF THE PROPERTY BREAKOUT FURGE, STUP UNIENTATION	NI
	12	Taxinak ALLI ANDING CEAD LIDDED DE LAINING BULLO FUR FRUFER TUNKUL	14
	13	CHECK ALL LANDING GEAR OFFER RETAINING BEING USED CHECKED FULL CHECK BRAKE FLUID LEVEL. TYPE OF FLUID BEING USED CHECKED FULL	1
	14	INSTALL WHEEL PANTS AND GEAR FAIRINGS	A
	15	DEMOVE AIRCRAFT FROM JACKS ENGINE NOLE F	ZA
	16	REMOVE AIRCRAFT FROM JACKS ENGINE NOW	1
			-
OPERATION			1
CHECK		FROM DANIEL BEAD 24	-1
	1.	CHECK BOOST PUMP PRESSURE FROM PANEL READ 31	SA
	2.	CHECK ALTERNATOR OUTPUT	50
	3.	CHECK AVIONIC EQUIPMENT OPERATION FROM PANEL 12.9	54
	4.	CHECK OIL PRESSURE	3/
	5.	CHECK MANIFOLD PRESSURE	SI
		CHECK PROPELLER OPERATION AND SMOOTHNESS	
	6.	CHECK MAG DROP AT 1800 RPM LEFT—100—RIGHT—100— 90 [T 90 RT	-
	7.	CHECK WAS BROT AT 1000 R. M. 22.1	32
	8.	CHECK STATIC R.P.M	- X
	9.	CHECK IDLE R.P.M.	3
	10	CHECK MAG SWITCH WIRES FOR GROUNDING	-
	11	CHECK THROTTLE AND MIXTURE CONTROL OPERATION	58
	12	CHECK IDLE MIXTURE	
	13	LEAK CHECK ENGINE	51
	14	RE-INSTALL ENGINE COWLS	5%
	15	CHECK FLIGHT CONTROL OPERATION (AILERON, ELEVATOR, RUDDER, TRIM)	51
	13		
ENERAL		LUBED ALL CONTROL SURFACE HINGE AREAS WITH LPS	
ENERAL	. +	SINAL CUEDY FOR OLEANUNESS TOOLS DEMOVED ETC	SH
		FINAL CHECK FOR CLEANLINESS, TOOLS REMOVED, ETC.	200
	2.	AIRCRAFT PAPERS IN PROPER ORDER A. REGISTRATION	- X
		B. AIRWORTHINESS	17
		C. OPERATING LIMITS	137
		NO CHANGES MADE TO AIRCRAFT AND NO ADDITIONAL ITEMS ADDED, NO ADDTIONAL	
OTES		CALCULATIONS MADE TO WEIGHT & BALANCE	5
,.LO	-	CALCULATIONS MADE TO MEIGHT & DALANCE	
	1711	CONDITIONAL INSPECTION OF AIRCRAFT SINCE AIRWORTHY CERTIFICATION	SA
- 2			TA
		ISSUED.	
			-
	-		

SIGNATURE OF INSPECTOR SCOTT ANDERSON

CERTIFICATE NUMBER REPARIMANS CERTIFICATE # 4305033

DATE OF SIGN-OFF MAR 29 -2023



AF-5000 Pilot's Guide



Experimental instrument limited to use in experimental aircraft.

Not approved for use in aircraft with FAA type certificates.

Patents 6,271,769 B1 and 6,940,425

Registration Prop/ELT Transponder Cert N405ST

#83615

FUEL FLOW TEST RESULTS

FUEL FLOW VERIFICATION

A. ANDERSON

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U.S. Department of Transportation Federal Aviation Administration **ADS-B Performance Monitor**

Public ADS-B Performance Report

(51140326)

Period: 01-26-2020 18:39:40 to 01-26-2020 19:11:25

Broadcast ICAO: A4C0D6

Tail Number: N405ST

Flight Id: N405ST

Operation Analysis Overview

Airborne 1090

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Surface RWY/Taxi 1090 Surface 1090

Airborne UAT

Surface UAT

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N A

Apex Aviation

ATC TRANSPONDER AND MODE S INSPECTION 14 CFR PART 43, APPENDIX F

5 - 5 - 6 - 1 d 1 U63	RBG. # 11405ST S/N 83615
DATE: 2.18.19 W/O # 4153 Inspection(s) in Accordan	REG. #
Transponder #1	Mfg.\ WA
Me Thun	
Model SV-XXVDR-26	Model N/A B/N N/A
PM 00745-00-3 SN 06307	1003 MHZ
Radio Reply Frequency 1087 to 1093 MHZ Mode S 1089 TO 1091	Mode S
Peak Output Power > 125 and < 500 Watts	Peak Output Power > and < 500 Watts Mode S TX Power > 125 and < 500 Watts
Mode S TX Power > 125 and < 500 Watts	
SLS 0 db 1% < Reply Rate	SLS 0 db 1% < Reply Rate : 90% > Reply
Reply Rate (-9db) 90% > Reply	Reply Rate (-940)
Receiver Sensitivity - 66 to -77 dbm Mode 3/A	Mode 3/A
Receiver Sensitivity - 66 to -77 dbm Mode C	Mode C
Difference ≤1 dbm	Difference ≤1 dbm
Receiver Sensitivity Mode S -68 TO -77 dbm 90% Reply	Receiver Sensitivity Mode S -68 TO -77 dbm 90% Reply
Mode 8 Diversity Transmission Channel Isolation	
Mode S Address AUCO DCo	[] Correct Reply Mode S UP=0] UF=16 [] UF=21 []
Formats UF=4 [V] UF=20 [] UF=24 [1
	de S Cali PASS FAIL
Antennas Secure & In Good Condition	Antennas Secure & In Good Condition
*SYSTEM PASSES	*SYSTEM PASSES
Note \$1; Peak Output Power Radiated Class 1A Min 125 W Class 1B Min 70 Wa	
Note #2: Receiver Sensitivity Includes Additional -3dbm A THE ABOVE INSPECTION(S) PERFORMED W	01 00
ALCOHOLD BELLEVIOLET BOTH	Pahert 1665 062
*NOTE: CHECK IN BOX INDICATES PA	SS, BLANK BOX TEST N/A
Tester - ID # AVI 97 CRS# 9VNR950B	Apex Form 47 Rev 1, Dated 26JUL2016
CASH FYTINGSON	

Access your beacon registration online 24/7 at www.beaconregistration.noaa.gov

Official 406 MHz I	ELT	Registration	Confirmation
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ELT Information					
Beacon Hex 10 2DC88 5B7C0 FFBFF	Checksum	Serial No. 375202-018	Manufacturer ARTEX	Model ELT 345	
Registration Expiration Date December 29, 2024					- A
Owner/Operator Information					1 7%
Name and Address		Telephon	e	Home/Work/Cell	
SCOTT ANDERSON SR.		+1 210-5		□H□W☑C	
116 W. MAGNOLIA CIRCLE				\square H \square W \square C	
				□н□w□c	30
LA VERNIA				□н□w□c	
TX 78121 USA					
E-mail rvpilot66@gmail.com					
- man , vpnotoceggman.com					
Aircraft Information				* * * * * * * * * * * * * * * * * * * *	
Aircraft Information Registration (Tail) No. N405ST			Section 1		
	 ercial □ Governmen	t Military □ Govern	ment Non-Military		
Registration (Tail) No. N405ST		e propeller 🗆 Multi	i-engine jet 🗆 Helico	opter OtherSeating Capacity	2
Registration (Tail) No. N405ST USAGE: ☑ Private/Non-Commercial □ Comme TYPE: ☑ Single-engine propeller □ Single-engi	ne jet □ Multi-engir Model <u>RV-8</u>	ne propeller 🗆 Multi	i-engine jet □ Helico Orange/White/Black		2
Registration (Tail) No. N405ST USAGE: Private/Non-Commercial Comme TYPE: Single-engine propeller Single-engine Aircraft Single-engine Van's Aircraft	ne jet	e propeller Multi Color B Other	engine jet □ Helico Orange/White/Black Fixed 0	Seating Capacity	2
Registration (Tail) No. N405ST USAGE: Private/Non-Commercial Commercial TYPE: Single-engine propeller Single-engine Aircraft Manufacturer Van's Aircraft Radio Equipment (check all that apply): VHI Survival Equipment (Describe and List Quantity Principal Airport (Name or Code) TE86	ne jet	e propeller Multi Color Other	engine jet □ Helico Orange/White/Black Fixed 0		2
Registration (Tail) No. N405ST USAGE: Private/Non-Commercial Commercial Single-engine propeller Single-engine Aircraft Manufacturer Van's Aircraft Radio Equipment (check all that apply): VHI Survival Equipment (Describe and List Quantity Principal Airport (Name or Code) TE86 Additional Data (Flight Plans, etc.):	ne jet	e propeller Multi Color B Other	engine jet □ Helico Orange/White/Black Fixed 0	Seating Capacity	2
USAGE: Private/Non-Commercial Commercial Single-engine propeller Single-engine Aircraft Manufacturer Van's Aircraft Radio Equipment (check all that apply): VHI Survival Equipment (Describe and List Quantity Principal Airport (Name or Code) TE86 Additional Data (Flight Plans, etc.): Emergency Contact Information	ne jet	e propeller	i-engine jet	Seating Capacity State TX	2
Registration (Tail) No. N405ST USAGE: Private/Non-Commercial Commercial Single-engine propeller Single-engine Aircraft Manufacturer Van's Aircraft Radio Equipment (check all that apply): VHI Survival Equipment (Describe and List Quantity Principal Airport (Name or Code) TE86 Additional Data (Flight Plans, etc.):	ne jet	e propeller	engine jet □ Helico Orange/White/Black Fixed 0	Seating Capacity State TX	2
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Registration (Tail) No. N405ST USAGE: Private/Non-Commercial Commercial Single-engine propeller Single-engine Aircraft Manufacturer Van's Aircraft Radio Equipment (check all that apply): VHI Survival Equipment (Describe and List Quantity Principal Airport (Name or Code) TE86 Additional Data (Flight Plans, etc.): Emergency Contact Information Name of Primary 24-Hour Emergency Contact: Robin Anderson	ne jet	Name of Altern Kasey Pipitt	Fixed 0 Telephone	Seating Capacity State TX ency Contact: Home,	w ₪ c
Registration (Tail) No. N405ST USAGE: Private/Non-Commercial Commercial Single-engine propeller Single-engine Aircraft Manufacturer Van's Aircraft Radio Equipment (check all that apply): VHI Survival Equipment (Describe and List Quantity Principal Airport (Name or Code) TE86 Additional Data (Flight Plans, etc.): Emergency Contact Information Name of Primary 24-Hour Emergency Contact: Robin Anderson Telephone	ne jet	Name of Altern Kasey Pipitt	Fixed 0 Telephone	Seating Capacity State TX ency Contact: Home,	
Registration (Tail) No. N405ST USAGE: Private/Non-Commercial Commercial Single-engine propeller Single-engine Aircraft Manufacturer Van's Aircraft Radio Equipment (check all that apply): VHI Survival Equipment (Describe and List Quantity Principal Airport (Name or Code) TE86 Additional Data (Flight Plans, etc.): Emergency Contact Information Name of Primary 24-Hour Emergency Contact: Robin Anderson Telephone	ne jet □ Multi-engir Model _RV-8 F □ MF □ HF □ SS /): Deployable _0 Home/Work/Ce □ H □ W ☑ C	Name of Altern Kasey Pipitt	Fixed 0 Telephone	ency Contact: Home/	w ₪ c

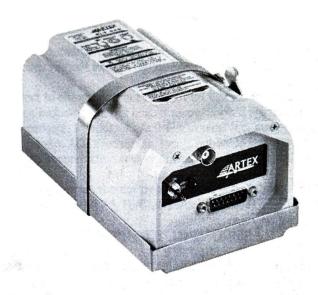
OMB Auth.(0648-0295) Expires: 30SEP2025 Rev. 09/2022

If you have any questions about this form or beacon registration in general, please call 1.888.212.SAVE (7283) or 301.817.4515 For information on the U.S. Search & Rescue Satellite-Aided Tracking system (SARSAT), please visit www.sarsat.noaa.gov

Mail or fax correspondence to SARSAT Beacon Registration, NOAA, NSOF, E/SPO53, 1315 East West Highway, Silver Spring, MD 20910 Fax No. 301.817.4565



ARTEX ELT 345 Emergency Locator Transmitter



Description, Operation, Installation and Maintenance Manual Y1-03-0282 Rev. H



