



Geoff Hatcher MEI, CFII, ATP,  
Westwind Type Rating  
1915 Biscayne Little Rock, AR 72227  
(501) 680-7283

## Pre-Weather Map Work/ Planning

Destination

Course—Route / Waypoints

Distance

ETE

(Fuel on board) Fuel required + 60 min based on highest fuel burn

Altitude

## Airport/ facility/Fuel Stops

[Fuel stops \(airnav\)](#)

[FltPlan.com](#)

## Computer Weather (Self Briefing)

### More than 24 hrs prior

[Prog Charts](#)

### Within 24 hrs of flight

[TAFS](#)

[Dallas Ft. Worth Area Forecast \(FA\)](#)

### Within 2hrs of departure

#### Weather analysis/ Hazards

[Airmets/ Sigmets/ Convective Sigmets](#)

[Lowest Freezing Levels](#)

[Intellicast](#)

#### Ceilings

Metars

NWS TAFS

[Winds Aloft](#)



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### Required info for Performance charts

Departure Winds Aloft \_\_\_\_\_  
Altimeter setting \_\_\_\_\_  
Temp \_\_\_\_\_

Destination Winds Aloft \_\_\_\_\_  
Altimeter setting \_\_\_\_\_  
Temp \_\_\_\_\_

(Pressure altitude=(((29.92-altimeter setting) x 1000)+ Altitude / Field elevation)

### Choose Altitude based on winds

#### Performance Charts

- \_\_\_\_\_ Take off distance
- \_\_\_\_\_ Climb Speed
- \_\_\_\_\_ Climb Time
- \_\_\_\_\_ Climb fuel
- \_\_\_\_\_ Distance to Climb
- \_\_\_\_\_ Cruise power
- \_\_\_\_\_ Cruise TAS
- \_\_\_\_\_ Cruise Fuel Flow
- \_\_\_\_\_ Landing distance

#### Weights and Balance



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## Complete flight log for each leg

### Flight Log

\_\_\_\_\_ Altitude  
\_\_\_\_\_ Climb distance  
\_\_\_\_\_ Climb ETE  
\_\_\_\_\_ MH=TC ± WCA± variation  
\_\_\_\_\_ Ground speed  
\_\_\_\_\_ checkpoints less than 50 nm  
\_\_\_\_\_ Distance each leg  
\_\_\_\_\_ ETE each leg  
\_\_\_\_\_ ETE Total  
\_\_\_\_\_ climb fuel  
\_\_\_\_\_ cruise fuel  
\_\_\_\_\_ reserve fuel  
\_\_\_\_\_ Fuel required= ETE + 1 hr x GPH  
\_\_\_\_\_ Endurance Time with fuel on board

### FSS

1-800-992-7433	Destination Airport
VFR/W/ Flight following	ETE
N714WP	Fuel on board
152/U	Alternate destination
100 kts	Your Name
Point of departure	Your phone number
Departure time	A/C home base
First Altitude	#SOB
Route- Fixes or direct	White/Blue

### Request Weather briefing

- Adverse conditions
- Briefer's Judgement (VFR recommended / not recommended)
- Synopsis
- Current condition Metars, Pireps, Rareps
- Enroute forecast
- Destination forecast
- Winds & Temp aloft
- Unpublished Notams
- ATC Delays/ TFR's



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