1.2. Weather Criteria

1.2.1. Actual and forecast weather minima apply.

No Alternate Fuel Required	Destination +/- 1 Hour of arrival WX is at least (actual or forecast, including temporary conditions)	2000 ft Ceiling 3 sm Visibility	
Alternate Fuel Required	Destination WX is (actual or forecast, including temporary conditions)	Less than 2000 / 3 or Cross Wind out of Limit	
Alternate WX Qualifications	 WX is at least (actual or forecast, to include temporary conditions, except for Thunderstorms) NOTE: Do not count on the PAR for WX planning purposes when determining alternate minimums. 	Non-Precision Minimums but no < 1000-2 or Precision Minimums but no < 800-2	
Takeoff Minimums	Departure and Destination WX is at least	Published Non-Precision Minimums or ATAC currency minimums	

1.2.2. Flight hour / weather requirements below pertain to hours in a particular aircraft. New pilots should fly both a Precision and a Non-Precision approach in VMC conditions prior to being cleared IFR.

	Hours	WX Mins
Α	0-10	2000 - 3
В	Above 10	As per ATAC Weather Minimums

1.2.3. FCF weather is as follows: 1) Must be conducted in DAY VMC (Official Sunrise to Official Sunset); 2) Ceiling and visibility is at least 3000/3; 3) Operations occur in VMC during the flight with temporary transit thru IMC conditions. Reference ATAC's FCF Vol 1 for detailed FCF/OCF information.

1.2.4. Operational Confidence Flight (OCF) pilots will have a minimum of 100 hours in type.

1.2.5. Pilots will not fly over water ranges if the surface winds are greater than 25 kts with sea states greater than 10 feet due to risk of recovery operations.

DIVERT/MIN FUEL ASSUMPTIONS						
Climb from MAP/FAF altitudes to:						
• 1/3 dist	• 1/3 distance					
• 1/2 fuel	• 1/2 fuel left					
• FL 280 (• FL 280 (Below RVSM)					
Whicher	Whichever above come first					
 Cruise at Max Rang 	Cruise at Max Range AOA / Speed					
 Descend at Max Endurance AOA / Speed 						
Delay configuring until short final						
Fuels are actual rec	• Fuels are actual required fuels for Divert and not fuel on board at divert					
ADD 800 Liters/Pou	unds to divert fuel	for total FOB require	d at divert			
execution						
Divert Distance (nm)	Kfir Fuel	Hunter Fuel	Albatross Fuel			
50	325	800				
75	475	1000				
100	650	1300				
150	850	1900				
200	1050	2200				

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ATAC WEATHER CHART

No Alternate Fuel Required	Destination +/- 1 Hour of arrival WX is at least	2000 ft Ceiling 3 sm Visibility	
	(actual or forecast, including temp conditions)		
Alternate Fuel Required	Destination WX is (actual or forecast, including temp conditions)	Less than 2000 / 3 or Cross Wind out of limit	C
Alternate WX Qualifications	WX is at least (actual or forecast, including temp conditions except for thunderstorms) NOTE: Do not count on the PAR when determining alternate minimums.	Non-Precision Minimums but not < 1000-2 or Precision Minimums but not < 800-2	
Takeoff Minimums	Departure and Destination WX is at least	Published Non- Precision Minimums or ATAC currency minimums	

Weather Call Format / Example

Weather, decks, blocks, maneuvering limitations, and altimeter setting shall be passed by the Mission Commander and confirmed with the Blue lead.

"All altitudes" means Weather is not a factor. With weather that is scattered throughout the area, then "Clear of Clouds" should be added. For situations with isolated broken decks, the caveat "No Transitions" should be added. "No transitions" means aircraft shall not transit blocks through weather inside of 10 NM to reach a merge regardless of situational awareness.

"High / Low / Split War / Between the Layers" means defined cloud restrictions should be observed. The altitudes define the cloud layers and not the tops or decks. Additional calls will confirm the altitude blocks, maneuvering category, hard and soft decks (if applicable), and any updates to the frequency plan.

To prevent confusion, only the following terms will be used to set the war:

"All altitudes (clear of clouds) / (no transitions)
"High war above _____K feet" or "Low war below _____K feet"
"Between the layers _____K feet and _____K feet"
"Split war above ____K feet and below _____K feet / between ____K and ____K feet"

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An example call is: "Recommend all altitudes, 29.92" (limited maneuvering and/or night TR's in effect should be added as appropriate).



Crosswind Limits:

- Kfir with Stores = 20kts
- Kfir without Stores = 25kts
- Albatross = 20kts

- Hunter Wet Runway = 20kts
- Hunter Dry Runway = 25kts
- Gusty Wind Conditions: Use half the wind gust component added to the steady state winds to determine effective crosswind component.
- Example:
 - If winds are 15 Gust 25 then 10kts is the gust component
 - So, 15 + ½ (25-15) = 15 + 5 = 20kts
 - o Therefore 20kts would be used as the average steady state component.