

Pacific Southwest Region Daily Operational Risk Assessment

Completed by Flight Crews
Points (Risk Level)

Risk	1 (Low)	2 (Medium)	3 (High)
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Date:

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Fire Weather	No adverse forecast, Haines Index 4 or below.	Forecast T-Storms / Red Flag Conditions, Haines Index 4-5	Active T-Storms in area, Haines Index 6, Red Flag in effect.					
Winds @ Base	< 15 Knots	15 - 25 Knots	> 25 Knots	>>>>>>	<table border="1" style="width: 100%; height: 20px;"><tr><td style="width: 33%;"></td><td style="width: 33%;"></td><td style="width: 33%;"></td></tr></table>			
Winds @ Fire 1	< 15 Knots	15 - 25 Knots	> 25 Knots	>>>>>>	<table border="1" style="width: 100%; height: 20px;"><tr><td style="width: 33%;"></td><td style="width: 33%;"></td><td style="width: 33%;"></td></tr></table>			
Gust Spread	0 - 5 Knots	5 - 10 Knots	> 15 Knots	>>>>>>	<table border="1" style="width: 100%; height: 20px;"><tr><td style="width: 33%;"></td><td style="width: 33%;"></td><td style="width: 33%;"></td></tr></table>			
Crosswinds	< 10 Knots	10 - 15 Knots	> 15 Knots	>>>>>>	<table border="1" style="width: 100%; height: 20px;"><tr><td style="width: 33%;"></td><td style="width: 33%;"></td><td style="width: 33%;"></td></tr></table>			
Visibility/Ceiling	> 3 miles	2 - 3 miles	< 2 miles	>>>>>>	<table border="1" style="width: 100%; height: 20px;"><tr><td style="width: 33%;"></td><td style="width: 33%;"></td><td style="width: 33%;"></td></tr></table>			
Temperature (F)	< 90	90 - 100	> 100	>>>>>>	<table border="1" style="width: 100%; height: 20px;"><tr><td style="width: 33%;"></td><td style="width: 33%;"></td><td style="width: 33%;"></td></tr></table>			
Density Altitude	< 5000'	5000' - 8000'	> 8500'	>>>>>>	<table border="1" style="width: 100%; height: 20px;"><tr><td style="width: 33%;"></td><td style="width: 33%;"></td><td style="width: 33%;"></td></tr></table>			
T/O Distance 2	< 50%	50% - 80%	> 80% 3	>>>>>>	<table border="1" style="width: 100%; height: 20px;"><tr><td style="width: 33%;"></td><td style="width: 33%;"></td><td style="width: 33%;"></td></tr></table>			
Fatigue 4	< 15 Hours	15 - 25 Hours	> 25 Hours	>>>>>>	<table border="1" style="width: 100%; height: 20px;"><tr><td style="width: 33%;"></td><td style="width: 33%;"></td><td style="width: 33%;"></td></tr></table>			
Total Points					<table border="1" style="width: 100%; height: 20px;"><tr><td style="width: 33%;"></td><td style="width: 33%;"></td><td style="width: 33%;"></td></tr></table>			

ATGS: _____ Pilot: _____

ATGS (T): _____ N: _____

Notes:

- 1- If fire winds not available, use ridgetop winds
- 2- T/O distance measured as a percentage of available runways
- 3- Consider Aircraft Download
- 4- Measured in hours of flight time over previous 5 days

Total Points: (Risk Level) Action

- 10-16 **(Low)** Pilot review of areas > 1 prior to flight.
- 16-23 **(Medium)** Review conditions with a/c or airbase manager prior to dispatch.
- >23 **(High)** Notify local aviation manager or duty officer of conditions and potential delayed response until aerial supervision or on scene resources report on conditions or conditions improve.

Conditions must be monitored throughout the day

Wind limits: SEAT 30 knots 15 knot gust spread
 Heavy Tanker generally ineffective in winds over 20-25 knots
 Type 3 helicopters 30 knots 15 knot gust spread
 Type 2 and 1 helicopters 40 knots 15 knot gust spread

* This product highlights a general representation of Daily Risk and meant to develop discussions on factors that influence risk. Any indicators of high or unacceptable risk should be further discussed and mitigated before flight.