

# Daily Risk Assessment

Completed by Base Management in Conjunction with  
Flight Crews

Points (Risk Level)

Risk	1 (Low)	2 (Medium)	3 (High)		
Fire Weather	No adverse forecast, Haines Index 4 or below.	Forecast T-Storms or 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	>>>>>>	
Winds@Fire <sup>1</sup>	<15 Knots	15-25 Knots	>25 Knots	>>>>>>	
Gust Spread	0-5 Knots	5-10 Knots	10-15 Knots	>>>>>>	
Crosswinds	<10 Knots	10-15 Knots	>15 Knots	>>>>>>	
Visibility	>3 Miles	2-3 Miles	<2 Miles	>>>>>>	
Temperature (F)	<90°	90° - 100°	>100°	>>>>>>	
Density Altitude	<5000'	5000'-8000'	>8000'	>>>>>>	
T/O Distance <sup>2</sup>	<50%	50% - 80%	>80% <sup>3</sup>	>>>>>>	
Fatigue <sup>4</sup>	<15 Hours	15-25 Hours	>25 Hours	>>>>>>	
<b>Total Points</b>					

**Notes:**

- 1 - If fire winds not available, use nearest airport / reporting station / launch base information
- 2 - T/O distance measured as a percentage of available runway
- 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