**US FOREST SERVICE REGION 5**

**HELICOPTER DAILY RISK ASSESSMENT**

**Completed by:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **Date:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |  |
| --- | --- | --- | --- |
| **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 @ Home Base | <15 Knots | 15-25 Knots | >25 Knots |
| Winds @ Fire while assigned to H.B. | <15 Knots | 15-25 Knots | >25 Knots |
| Gust Spread | 0-5 Knots | 5-10 Knots | 10-15 Knots |
| Temperature (F) | <90o | 90o–100o | >100o |
| Visibility | >3 Miles | 2-3 Miles | <2 Miles |
| Density Altitude | <5,000' | 5,000'-8,000' | >8,000' |
| Fatigue of the pilot over the past 5 days | <15 Hours | 15-25 Hours | >25 Hours |
| Fatigue of crew | Less than 7 day assignments | 1 shift exceeding 16 hours (within 3 days) or over 7 day assignment | 2+shift exceeding 16 hours within 3 days or over a 13 day assignment. |
| Supervision | Supt. or Capt. | Squad Leader | Senior Firefighter |
| Crew | Equal mix of trainees and qualified | More trainees than qualified. | Majority trainees |
| CRM | 12 and 12 contractor rotation or Primary Pilot on Duty | 12/2 contractor rotation  2 Day relief on duty | Various pilots for relief |
| Column Score |  |  |  |
|  |  | Total Score |  |

|  |  |  |
| --- | --- | --- |
| **Total Score** | **Risk Level** | **Approval** |
| 10-16 | Low | HMGB |
| 16-23 | Medium | HEBM |
| >23 | High | AOBD/FAO/IC/LINE OFF. |

**CREW BRIEFED ON FINAL RISK SCORES AND MITIGATIONS:**

Helicopter Manager/Supervisor/Pilot X

**HIGH RISK APPROVAL SIGNATURE (if necessary):** X