

# AIRCREW OPERATIONAL RISK MANAGEMENT

MISSION #:	PIC:	DATE:	SORTIE #:				
Hazard Identification	Low	Pt.	Moderate	Pt.	*High	Pt.	Controls
<b>Man</b>							
<b>Pilot Experience</b>	>1000 hrs PIC	0	>250<1000 hrs PIC	2	<250 hrs PIC	4	
<b>Pilot Mission Time</b>	>100 hrs msn time	0	>50<100 hrs msn	2	<50 hrs msn time	3	
<b>Observer</b>	> 100 hrs msn	0	>20 < 100 hrs msn	1	< 20 hrs msn	3	
<b>Scanner</b>	> 20 hrs msn	0	>10 < 20 hrs msn	1	< 5 hrs msn	2	
<b>Pilot Currency</b>	>10 hrs within last 30 days	0	>5<10 hrs within last 30 days	2	<5 hrs within last 30 days	4	
<b>Health/Crew Rest</b>	good health proper crew rest	0	fair health and/or signs of fatigue	2	poor health and/or fatigued	NO GO	
<b>Machine</b>							
<b>Maintenance Factors</b>	Fully Functional	0	Partially functional MEL Intact	1	Non-Functional MEL Discrepancies	NO GO	
<b>Performance Factors</b>	<5000' MSL search altitude	0	>5000'<9000' MSL search altitude	1	>9000" MSL search altitude	3	
<b>Communications</b>	good comm high bird available	0	some blind spots no high bird	1	poor comm no high bird	3	
<b>Mission</b>							
<b>Operations Tempo</b>	1 search aircraft	0	2-4 search aircraft	1	>4 search aircraft	3	
<b>Complexity</b>	simple tasks, no new technology	0	complex tasks, no new technology	1	complex tasks & new technology	3	
<b>Environment</b>							
<b>Weather</b>	X-Winds = calm Vis = 7+ ceiling = none hazards = none	0	X-Winds = >5<15 kts Vis = >3<7 NM ceiling = <1500' icing = none hazards = light turb	2 2 2 0 1	X-Winds= >15 kts Vis = <3 NM ceiling = <500' icing => light hazards = >mod turb	NO GO	
<b>Terrain</b>	low, flat	0	foothills, featureless	2	high mountainous	4	
<b>Search Altitude</b>	> 2000' AGL	0	<2000'>1000'	1	<1000' AGL	3	
<b>Night Operations</b>	VFR with current instrument rating		VFR without current instrument rating	10	IMC	15	
<b>Airfield</b>	Familiar	0	Unfamiliar	2			
<b>Additional Entries</b>							
<b>Totals</b>							
<b>Overall Risk Assessment</b>						Initials	Date/Time
<b>Low Risk = 0 - 25</b>	Flight Release Officer (FRO) Approval						
<b>Moderate Risk = 26 - 34</b>	Squadron DO/CC Approval						
<b>High Risk = &gt; 34</b>	IC/Wing DO Approval						

Notes: \* Implement suitable controls for any item in the high range

Flight approval is granted in ascending order of command and only with PIC concurrence

1. Identify Hazards 2. Assess Risks 3. Analyze Risk Control Measures 4. Make Control Decisions 5. Implement Risk Controls 6. Supervise and Review