



CAP AVIATION OPERATIONAL RISK MANAGEMENT WORKSHEET



Pilot Name: _____ Date: _____ Mission #: _____ A/C #: _____ Sortie: _____

HAZARD	LOW RISK	PTS.	MODERATE RISK	PTS.	HIGH RISK *	PTS.	VALUE
<u>HUMAN</u>							
Experience / Training	≥ 1,000 hours PIC ≥ 50 hours mission time	0	≥ 250 < 1,000 hours PIC ≥ 25 < 50 hours mission time	10	< 250 hours PIC < 25 hours mission time	20	
Pilot Currency	≥ 10 hours within last 30 days	0	≥ 5 < 10 hours within last 30 days	10	< 5 hours within last 30 days	20	
Health / Crew Rest	Good health and proper crew rest	0	Fair health with adequate crew rest	10	Poor health or signs of fatigue	No Go	
<u>MACHINE</u>							
Maintenance Factors	Fully Functional	0	Partially Non-Functional	15	Fully Non-Functional	No Go	
Performance Factors	≤ 5,000' Density Altitude	0	> 5,000' ≤ 8000' Density Altitude	10	> 8,000' Density Altitude	20	
A/A & A/G Comms	Good comms and/or high bird available	0	Some blind spots or faulty comms and no high bird	10	Poor comms and no high bird	15	
<u>MISSION</u>							
Operations Tempo	1 - 2 total mission aircraft	0	3 - 4 total mission aircraft	10	> 4 total mission aircraft	20	
Search Complexity	Simple tasks, no new technology	0	Complex tasks, no new technology	10	Complex tasks, new technology	20	
<u>ENVIRONMENT</u>							
Weather (current & forecast)	Icing: none Turbulence: none X-Winds: ≤ 5 kts.	0 0 0	Icing: none Turbulence: lite.-mod. X-Winds: > 5 ≤ 10 kts.	0 10 5	Icing: ≥ light Turbulence: severe. X-Winds: > 10 kts.	No Go No Go 50	
VFR Flight ceiling/vis	≥ 3000 agl And ≥ 5 sm	0	≥ 1,000 agl < 3,000 agl And / or ≥ 3 < 5 sm	25	< 1,000 agl and / or < 3 sm visibility	No Go	
IFR Flight ceiling/vis	≥ 500 agl < 1,000 agl and/or ≥ 1 sm < 3 sm visibility	25	< 500 agl and/or < 1 sm visibility	50	Below departure airport approach minimums	No Go	
Terrain	Low, flat	0	Foothills / featureless	15	Mountainous	30	
Night Ops			VFR	25	IFR	75	
Airfield	Familiar	0	Unfamiliar	25			
<u>ADDITIONAL FACTORS</u>							
CAPF 5 & 91	No forced landings or simulated engine cuts	0	Forced landings and/or simulated engine cuts	50			
Overwater			Within gliding distance of land	50	Outside gliding distance of land	100	
Extended Overwater			With immersion suit Water temp < 60° F	75	Without immersion suit Water temp < 60° F	No Go	
TOTAL CALCULATED RISK ASSESSMENT:							
OVERALL RISK ASSESSMENT						Initials	Date / Time
Low Risk = 0 — 75 [†] FRO							/
Moderate Risk = 76 — 150 [†] Squadron DO / DOS / CC or AOBD							/
High Risk = > 151 [†] Wing DO / DOS / CC or IC							/
No Go Mission can be rejected by any direct participant at any level							/

Notes: * Implement suitable controls for any item in the high range. † Approvals are granted in ascending order of command and only with PIC concurrence. All approvals are optional, based upon local procedures and established Wing policies.