

LAARNG AVIATION RISK ASSESSMENT WORKSHEET

DATE 8 MAR 15 A/C 624 PC 64FFW PI Sbrother CE Belford Flory MO

1. CREW SELECTION - PC	TOTAL TIME	>500	500-1500	<500
TIME IN AO	<25	M	M	M
	>25	L	L	M
EXPERIENCE (Category)	>200	M	M	M
	<200	L	L	M
CURRENCY	>1500	M	M	M
	500-1500	L	L	M
	<500	L	L	M
AVG FLIGHT TIME	>250	M	M	M
	<250	L	L	M

2. CREW SELECTION - PI	TOTAL TIME	>1500	500-1500	<500
TIME IN AO	<25	M	M	M
	>25	L	L	M
EXPERIENCE (Category)	>200	M	M	M
	<200	L	L	M
CURRENCY	>1500	M	M	M
	500-1500	L	L	M
	<500	L	L	M
AVG FLIGHT TIME	>250	M	M	M
	<250	L	L	M

3. CREW SELECTION - CE/MO	TOTAL TIME	>200	25-200	<25
NO CE Except UR72A	>200	M	M	M
	25-200	L	L	M
	<25	L	L	M
TIME IN AO	>200	M	M	M
	25-200	L	L	M
	<25	L	L	M
DAYS SINCE LAST FLT	>200	M	M	M
	25-200	L	L	M
	<25	L	L	M
TOTAL NVG FLIGHT TIME	>250	M	M	M
	<250	L	L	M

4. MISSION TYPE/COMPLEXITY	P	N	INV	IM/CH
ROUTINE	L	L	L	L
RL PROGRESSION	L	L	L	L
EMU/ EMER PROCTING	L	L	L	L
MULTI AIRCRAFT OPS	M*	L	L	L
NOE/TERRAIN	L	L	L	N/A
SEATS REMOVED W/ PAX	H*	H*	H*	H*
HOISTING (LIVE & W/T)	L	N/A	M	N/A
HOIST MISSION	M*	H*	H*	N/A
WATER BUCKET OPS	L	N/A	N/A	N/A
SUNG LOADS	L	H	M	H
GUNNERY	L	H	M	H
OUTSIDE PLA (> 250NM)	M*	M*	M*	M*
CASEVAC/MEDEVAC	L	H	M	M
TACTICAL INFIL/EXFIL	H*	N/A	H*	N/A
SEARCH AND RESCUE	L	H	M	N/A
STATIC DISPLAY	L	L	L	L
URBAN (Non-Helipad)	L	H	M	N/A
COOPS BELOW 500' AGL	L	H	M	N/A
MOBILE SURVEILLANCE	L	M	M	N/A
RECONNAISSANCE	L	M	L	N/A

5. ADDITIONAL FACTORS	MISSION TASKS NOT ON CTL	H*
NO IZ/FZ RECON OR SITE SURVEY		M
OVER WATER (>30 MIN FROM LAND or <60' H2O temp)		H
POTENTIAL WHITEOUT/ BROWN OUT		M
SINGLE PILOT (UH72, does not apply to FCF)		H*
<4 PI < 1000 hours TOTAL TIME		M*

6. MAINTENANCE COMPLEXITY	MO	LTD	GEN
MINOR	L	L	L
MAJOR	L	M	M
ENVIRONMENTAL FACTORS	D	N	ING
MTY/FCF	L	M*	M*
ONE TIME MAINT EVAL/FIT	M*	M*	M*
MP TRAINING	L	M	M
SLDGS 4.5.11 do not apply to maintenance ground runs.	L	M	M

7. PLANNING TIME	IN-DEPT	ADEQUATE	HASTY
VAGUE	L	M	H
IMPLIED	L	L	M
SPECIFIC	L	L	L

8. NVG CONSIDERATIONS - LOW RISK UNLESS	ILLUMINATION LESS THAN 12%	MOON ANGLE LESS THAN 30°	CREW MEMBER >60 DAYS SINCE NVG FLT
	M	M	M
	M	M	M
	M	M	M

9. NIGHT CONSIDERATIONS (UNAIDED FLT)	ILLUMINATION LESS THAN 50%	MOON ANGLE LESS THAN 30°	CREW MEMBER >60 DAYS SINCE N FLT
	M	M	M
	M	M	M
	M	M	M

10. FIGHTER MANAGEMENT	LOCATION	TYPE	COMPLEXITY	INITIAL RISK
Caribbean	L	M	M	M
Field	M	M	H	H
Other	L	M	H	H

11. WEATHER	APPLIES TO DEP AND ARR	IFR	DAY/NVG	NIGHT	CEILING/VISIBILITY	RESIDUAL RISK
>45	>4000/3	L	L	L	>4000/3	>50
H*	<1000/3	L	M*	M*	<1000/3	H*
	<500/2	L	M*	H*	<500/2	EH*
	<30-45	M	L	L	<30-45	CA/M
	<45	L	L	L	<45	L

ENVIRONMENT	TRACE	LIGHT	MOD	SEV
ICING	L	M*	H*	EH*
TURB	N/A	L	M	EH*

CONTROL MEASURES	INITIAL RISK
1. CREW SELECTION- PC	L
2. CREW SELECTION- PI	L
3. CREW SELECTION CE/MO	L
4. MISSION TYPE / COMPLEXITY	L
5. ADDITIONAL FACTORS	L
6. MAINTENANCE COMPLEXITY	L
8. NVG CONSIDERATIONS	L
9. NIGHT CONSIDERATIONS	L
10. FIGHTER MANAGEMENT	L
11. WEATHER	L

BRIEFER CHECKLIST	REQUIRED SIGNATURES
Flight in support of operational unit mission	
Crew understands mission and processes SA	
Mission adequately planned	PC/AMC
Crews are qualified and current	
For exact mission weather meets requirements	
Crew meets unit crew endurance requirements	
Risk is mitigated to lowest level	
Rest, special mission equipment is operational	
CREWMEMBER MUST RESET WITH COMPLETE DAY	

LAARNG AVIATION RISK ASSESSMENT WORKSHEET

DATE 8 MAR 15 A/C 569 PC

PI

CE

MO

1. CREW SELECTION - PC		TOTAL TIME	
TIME IN AO		>500	500-1500
<25	L	M	M
>25	L	L	M
EXPERIENCE (Category)			
>200	L	<200	M
>1500	L	500-1500	M
>60	L	M	M
30-60	L	L	M
<30	L	L	L
NVG FLIGHT TIME			
>50	L	<50	M
>10	L	M	H

2. CREW SELECTION - PI		TOTAL TIME	
TIME IN AO		>1500	500-1500
<25	L	M	M
>25	L	L	M
EXPERIENCE (Category)			
>700	L	<200	M
>1500	L	500-1500	M
>60	L	M	M
30-60	L	L	M
<30	L	L	L
TOTAL NVG FLIGHT TIME			
>50	L	<50	M
>10	L	M	H

3. CREW SELECTION - CE/MO		TOTAL TIME	
NO CE Except UH-72A	M	>200	25-200
<10	L	M	M
>10	L	L	M
DAYS SINCE LAST FLT			
>200	L	25-200	M
>60	L	M	H
30-60	L	M	M
<30	L	L	L
TOTAL NVG FLIGHT TIME			
>25	L	<25	M
>5	L	M	H

4. MISSION TYPE/COMPLEXITY		D		N		NVG		IN/CH	
ROUTINE	L	L	L	L	L	L	L	L	L
RL PROGRESSION	L	L	L	L	L	L	L	L	L
EVAL/BRIEF PROCTING	L	L	L	L	L	L	L	L	L
MULTI AIRCRAFT OPS	L	L	L	L	L	L	L	L	L
NO/TERRAIN	L	L	L	L	L	L	L	L	L
SEATS REMOVED W/ PAX	L	L	L	L	L	L	L	L	L
HOISTING (LIVE & W/T)	L	L	L	L	L	L	L	L	L
HOIST MISSION	L	L	L	L	L	L	L	L	L
WATER BUCKET OPS	L	L	L	L	L	L	L	L	L
SLING LOADS	L	L	L	L	L	L	L	L	L
GUNNERY	L	L	L	L	L	L	L	L	L
OUTSIDE PFA (>250NM)	L	L	L	L	L	L	L	L	L
CASE/AC/MEDEVAC	L	L	L	L	L	L	L	L	L
TACTICAL IN/RL/EXFIL	L	L	L	L	L	L	L	L	L
SEARCH AND RESCUE	L	L	L	L	L	L	L	L	L
STATIC DISPLAY	L	L	L	L	L	L	L	L	L
URBAN (Not Helipad)	L	L	L	L	L	L	L	L	L
CDOPS BELOW 500' AGL	L	L	L	L	L	L	L	L	L
MOBILE SURVEILLANCE	L	L	L	L	L	L	L	L	L
RECONNAISSANCE	L	L	L	L	L	L	L	L	L

5. ADDITIONAL FACTORS		MISSION TASKS NOT ON CTL	
NO LZ/PZ REGION OR SITE SURVEY	L	H*	H*
OVER WATER (300 MIN FROM LAND or 600 H2O temp)	L	M	M
POTENTIAL VULNERABILITY/BROWER OUT	L	M	M
SINGLE PILOT (LUH72, does not apply to F6)	L	M	M
PC + PI < 1000 hours TOTAL TIME	L	M*	M*

6. MAINTENANCE COMPLEXITY		TYPE OF MAINT	
MINOR	L	LTD	GEN
MAJOR	L	L	L
ENVIRONMENTAL FACTORS			
MTE/FCF	L	N	ING
ONE TIME MAINT/EVAC FLT	L	M*	M*
MP TRAINING	L	M*	M*
BLOCKS 4.5.31 do not apply to maintenance ground runs.	L	M	M

7. PLANNING TIME		IN-DEPT	
GUIDANCE	L	ADEQUATE	HASTY
VAGUE	L	M	H
IMPURED	L	L	M
SPECIFIC	L	L	L

8. NVG CONSIDERATIONS - LOW RISK UNLESS		ILLUMINATION LESS THAN 25%		MOON ANGLE LESS THAN 30°		CREW MEMBER > 60 DAYS SINCE NVG FLT	
>500	L	>500	M	>500	M	>500	M
>25	L	>25	L	>25	L	>25	M
<25	L	<25	L	<25	L	<25	M

9. NIGHT CONSIDERATIONS (UNAIDED FLT)		ILLUMINATION LESS THAN 50%		MOON ANGLE LESS THAN 30°		CREW MEMBER > 60 DAYS SINCE N FLT	
>500	L	>500	M	>500	M	>500	M
>25	L	>25	L	>25	L	>25	M
<25	L	<25	L	<25	L	<25	M

10. FIGHTER MANAGEMENT		HOURS REST	
Location	Garrison	6-8	<8
	Field	M	M
		M	H
LENGTH OF DUTY DAY			
Concept days	1-10	11-15	>15
1	L	L	M
2-4	L	M	H
5-7	L	H	H
>7	M	H	H
Exemption within the last 24 hrs increase the risk to the next higher level. 24 Limit.			
All items with an "H" denote a non-mitigatable mitigable parameter.			

11. WEATHER		CEILING/VISIBILITY	
applies to DEP and ARR	>4000/1 over IFR plan min	<4000/1 over IFR plan min	< IFR PLAN MIN
IFR	L	M*	H*
DAY/NVG	>1000/3	<1000/3	<700/2
NIGHT	L	M*	H*
	L	M*	H*
SURFACE WIND			
>45	<45-30>	<30-15>	<15
H*	M	L	L
ENVIRONMENT			
TRACE	LIGHT	MOD	SEV
ICING	L	M*	H*
TURB	N/A	L	M
SURFACE TEMP (DUH ONIX)			
<4°	>4°-40°	>40° TO 50°	>50°
M*	L	M*	H*

CONTROL MEASURES		RESIDUAL RISK	
1. CREW SELECTION - PC	L	L	L
2. CREW SELECTION - PI	L	L	L
3. CREW SELECTION CE/MO	L	L	L
4. MISSION TYPE / COMPLEXITY	L	L	L
5. ADDITIONAL FACTORS	L	L	L
6. MAINTENANCE COMPLEXITY	L	L	L
7. PLANNING TIME	L	L	L
8. NVG CONSIDERATIONS	L	L	L
9. NIGHT CONSIDERATIONS	L	L	L
10. FIGHTER MANAGEMENT	L	L	L
11. WEATHER	L	L	L

BRIEFER CHECKLIST		REQUIRED SIGNATURES	
Flight in support of operational unit mission	L	PI/AMIC	MISSION
Crew understands mission and possesses SK	L		
Mission adequately planned	L		
Crews are qualified and current	L		
Forecast mission weather meets requirements	L		
Crew meets unit crew endurance requirements	L		
Risk is mitigated to lowest level	L		
Req. special mission equipment is operational	L		
CREWMEMBER MUST RESET WITH COMPLETE DAY OFF A			

LAARNG AVIATION RISK ASSESSMENT WORKSHEET

DATE 9 MAR 15 A/C 569 PC

PI

CE

1. CREW SELECTION PC

TIME IN AO	TOTAL TIME	PC
<25	>1500	L
>25	500-1500	M
	<500	M

EXPERIENCE (Category)

>200	<100	M
>500	500-1500	M
>1500	<500	M
>50	M	M
30-60	L	M
<30	L	L

NAVIG FLIGHT TIME

>50	<50	M
>100	<10	H

2. CREW SELECTION PI

TIME IN AO	TOTAL TIME	PI
<25	>1500	L
>25	500-1500	M
	<500	M

EXPERIENCE (Category)

>200	<200	M
>1500	500-1500	M
>50	M	M
30-60	L	M
<30	L	L

TOTAL NAVIG FLIGHT TIME

>50	<50	M
>100	<10	H

3. CREW SELECTION CE/MO

TIME IN AO	TOTAL TIME	CE/MO
<25	>1500	L
>25	500-1500	M
	<500	M

EXPERIENCE (Category)

>200	<200	M
>1500	500-1500	M
>50	M	M
30-60	L	M
<30	L	L

DAYS SINCE LAST FLIGHT

>200	<25	M
>50	M	H
30-60	M	M
<30	L	L

TOTAL NAVIG FLIGHT TIME

>25	<25	M
>50	<5	H

4. MISSION TYPE/COMPLEXITY

MISSION TYPE	D	N	NAVIG	BMG/R
ROUTINE	L	L	L	L
RL PROGRESSION	L	L	L	L
EVAL/EMER PROTECTING	L	L	L	L
MULTI AIRCRAFT OPS	L	M*	L	L
NOE/TERRAIN	L	M	L	L
SEATS REMOVED W/ PAX	H*	H*	H*	H*
HOSTING (LIVE & WT)	L	N/A	M	N/A
HOST MISSION	M*	EP*	H*	N/A
WATER BUCKET OPS	M	N/A	N/A	N/A
SLING LOADS	L	H	M	H
GUNNERY	L	H	M	N/A
OUTSIDE LEA (> 250NM)	M*	M*	M*	M*
CAS/EAC/MEB/EVAC	L	H	M	M
TACTICAL INFIL/EXFIL	(H)	N/A	(H)	N/A
SEARCH AND RESCUE	L	H	M	N/A
STATIC DISPLAY	L	L	L	L
URBAN (Non-Helipad)	L	H	M	N/A
CHOPS BELOW 5000 AGL	L	H	M	N/A
MOBILE SURVEILLANCE	L	M	L	N/A
RECONNAISSANCE	L	M	L	N/A

5. ADDITIONAL FACTORS

MISSION TASKS NOT ON CTL	INITIAL RISK
NO IZ/PZ RECON or SITE SURVEY	H*
OVER WATER > 30 MIN FROM LAND @ 5000 FT (20 Temp)	M
POTENTIAL WHITE OUT/BREW OUT	(H)
SINGLE PILOT (Crew 2, does not apply to PC)	M
85-95% < 1000 hours TOTAL TIME	H*

6. MAINTENANCE COMPLEXITY

TYPE OF MAINT	NOCC	EPD	REQ
MINOR	L	L	L
MAJOR	L	M	L
ENVIRONMENTAL FACTORS	D	NG	IMC
MTP/FCF	L	M*	M*
ONE TIME MAINT E/VAC FLT	M*	M*	M*
MP TRAINING	L	M	M
BLOGS & SLL do not apply to maintenance ground runs.	L	M	M

7. PLANNING TIME

GUIDANCE	IN-OPT	ADEQUATE	HASTY
VAGUE	L	M	H
IMPLIED	L	L	M
SPECIFIC	(L)	L	L

8. NVG CONSIDERATIONS - LOW RISK UNLESS

ILLUMINATION LESS THAN 23%	M
MOON ANGLE LESS THAN 30°	(M)
CREWMEMBER > 60 DAYS SINCE NVG FLT	M

9. NIGHT CONSIDERATIONS (UNAIDED FLT)

ILLUMINATION LESS THAN 50%	M
MOON ANGLE LESS THAN 30°	M
CREWMEMBER > 60 DAYS SINCE N FIT	M

10. FIGHTER MANAGEMENT

Location	Hours Rest
>6	6-8
(L)	M
(L)	M
(L)	M
(L)	H

11. WEATHER

Applies to DEP and ARR	CEILING/VISIBILITY	WIND	TEMP	MOON	PLAN
IFR	<400 ft over 1000 ft min	<45	<45	<45	CALM
DAY/NVG	>1000/3	<1000/3	<700/2	<500/1	H*
NIGHT	(L)	(L)	(L)	(L)	H*

Extension within the last 24 hrs increase the risk to the next higher level. 14 Limit. All items with an "H*" denotes a non-mitigatable mitigatable parameter.

CONTROL MEASURES

CATEGORY	INITIAL RISK
1. CREW SELECTION-PC	L
2. CREW SELECTION-PI	L
3. CREW SELECTION CE/MO	L
4. MISSION TYPE / COMPLEXITY	L
5. ADDITIONAL FACTORS	(L)
6. MAINTENANCE COMPLEXITY	H
7. PLANNING TIME	L
8. NVG CONSIDERATIONS	(M)
9. NIGHT CONSIDERATIONS	(L)
10. FIGHTER MANAGEMENT	(L)
11. WEATHER	(L)

BRIEFER CHECKLIST

Fifth support of operational unit mission:	✓
Crew understands mission and procedures:	✓
Mission adequately planned:	✓
Crews are qualified and current:	✓
Forecast/plan weather meets requirements:	✓
Crew meets unit crew endurance requirements:	✓
Risk is mitigated to lowest level:	✓
Req. special mission equipment is operational:	✓

RESIDUAL MISSION RISK: H

FLIGHT PLAN FORMAT				DATE: March 2015									
1. TYPE VFR		2. AIRCRAFT ID		3. ACFT TYPE / EQP H-60R		4. TAS 120 kts		5. DEPARTURE POINT KDOTS KHDC		6. DEPARTURE TIME PROPOSED: 0600 ACTUAL:		7. CRUISING ALTITUDE VFR	
8. ROUTE OF FLIGHT Local IFR / G/FIL @ [REDACTED] Near [REDACTED]													
9. DESTINATION KDOTS				10. EST TIME ENROUTE 6:00 Daily				11. REMARKS READING FILE # 15-10					
12. FUEL ON BOARD 02+30				13. ALT AIRPORT N/A				14. PILOTS NAME, ADD, TELEPHONE # & HOME BASE ON FILE AT HDC, [REDACTED]				15. NUMBER ABOARD 4	
16. COLOR OF ACFT OD				WT & BALANCE--ON FILE AT HDC DATED: 2/4/2015				APPROVED: [REDACTED]					
FLIGHT CREW													
PIC: Griffin							PI: Steadler						
CE/OR/MO: [REDACTED]							CE/OR/MO: Finch, T						
PASSENGER MANIFEST													
RANK	NAME			SSN			ORGANIZATION / LOCATION						
	PAX manifest managed by [REDACTED]												
	[REDACTED]												
REMARKS													
FLIGHT TIME FLOWN: --TOTAL:													
FUEL REQUIRED: YES				NO									
SUBSEQUENT ROUTING:													

