

AVIATION RISK ASSESSEMENT TOOL

Routing: KOPF-KPNE-KSGF-MMTJ		Date: 1/31/25		Flight #: 25056	
PIC: Alan Montoya		Aircraft: XA-UCI		Risk Value	Flight Value
SIC: Josué Juárez		Total Trip Legs: 3			
PILOT QUALITFICATIONS/EXPERIENCE/FLIGHT AND DUTY TIME					
1	Captain with less than 500 hours in Type	4	0		
2	Captain with 500 hours or greater in Type	2	2		
3	SIC with less then 300 hours in type	4	0		
4	SIC with more then 300 hours in type	2	2		
5	PIC or SIC > 2 years of Air Ambulance experience	-2	-2		
6	PIC conducting I.O.E Training	4	0		
HUMAN FACTOR					
7	Slept 10 or more hours in previous rest period	-2	-2		
8	Is the Flight Scheduled to depart between the hours of 22:00 and 6:00 AM	3	0		
9	Second Consecutive Night Flight Arriving Past 1 AM	5	0		
10	Flight Time (Between 1 and 4 hours in a duty day)	1	0		
11	Flight Time (Between 4 and 8 hours in a duty day)	2	0		
12	Flight Time (Greater then 8 hours in a duty day)	3	3		
13	Duty Day: (Greater then 10 hours)	3	3		
14	Duty Day: (Less then 10 hours)	2	0		
OPERATING ENVIRONMENT (ENROUTE)					
15	Night Operations	3	3		
16	Mountainous Area 3000 foot change within 10 miles (ICAO)	5	0		
17	Airport Elevation 5000 Ft or greater	3	0		
18	Uncontrolled Field (No Tower) Control Tower not operational at ETA or ETD	3	0		
19	Operational VOR/GPS/LOC/ADF (Best approach W/O Vertical Guidance)	3	3		
20	Circling Approach (best available approach)	5	0		
OPERATING ENVIRONMENT (WEATHER)					
21	Ceiling > 3,000FT Visibility > 3SM: On All Trip Legs	-3	0		
22	Ceiling & Visibility at destination less then 500 ft/ 2 SM: At any Landing Point	3	3		
23	Braking Action Reported less then Good (MU Factor < 40) Winter Ops	5	0		
24	Weather for Todays Flight Forecast: Thunderstorm Activity	3	0		
25	Weather for Todays Flight: Temperature above 95F + (32C +)	3	3		
26	Weather Forecast for Todays Flight: Winds Greater then 25 knots	3	3		
27	Weather Forecast for Todays Flight: Wet/Rain	3	3		
28	Weather Forecast for Todays Flight: Snow	5	0		
29	Weather Forecast for Todays Flight: Ice, Freezing Fog	5	0		
30	Weather Forecast for Todays Flight: Moderate to Severe Turbulence	3	0		
31	Does the presence of Enroute Weather necessitate a deviation of 50 miles or greater	3	0		

OPERATING ENVIRONMENT (AIR AMBULANCE)			
32	Air Ambulance Level 3 (BLS Medical Team)	0	0
33	Air Ambulance Level 2 (ACLS Medical Team)	2	2
34	Air Ambulance Level 1 (PALS Critical-May need to have diversion options readily available)	3	0
35	Air Ambulance Level 1 (NRP Medical Team)	2	0
OPERATING EQUIPMENT STATUS			
36	Special Flight Limitations based on AFM equipment limitations	2	0
37	MEL/CDL items (related to Safety of Flight)	2	0
38	Two or More MEL's/CDL items (items related to Safety of Flight)	5	0
39	Operational Autopilot/Stability Augmentation System	-1	-1
40	Inoperative Autopilot/Stability Augmentation System	4	0
41	Traffic collision Avoidance system (TCAS): Operationa	-1	-1
RISK	Normal (0-27) Moderate (27-34) High (≥34)	TOTAL*	24

Please Note Score before submitting form.

*If score > 27, Notify Operational via email. If score =34, Contact Chief Pilot must assess, Possible "no-go"

Additional Risk and Mitigation Notes

		NO		YES	
<u>I.M.S.A.F.E.</u>		PIC	SIC	PIC	SIC
I llness	Do I have an illness or any symptoms of an illness?	☒	☒	☐	☐
M edication	Have I been taking prescription or over-the-counter drugs?	☒	☒	☐	☐
S tress	Am I under psychological pressure from the job? Worried about financial matters, health problems or family discord?	☒	☒	☐	☐
A lcohol	Have I been drinking within eight hours? Within 24 hours?	☒	☒	☐	☐
F atigue	Am I tired and not adequately rested?	☒	☒	☐	☐
E ating	Am I adequately nourished?	☐	☐	☒	☒

Any YES responses need to be informed immediately to the Medical Director for Risk Mitigation measures.