

Attachment 8

to Operational Factors Group Chairman's Factual Report

ERA12MA122

FLIGHT RISK ANALYSIS TOOL



Flight Risk Analysis Tool - Helicopter

Date:		Aircraft:		Origin:					
PIC:		SIC:		Destination:					

Pilot Qualifications/ Experience/ Duty Time									
1	PIC with less than 200 hours in type	3							
2	PIC with less than 50 flight hours in the last 90 days	1							
3	Agusta- PIC not Instrument qualified	2							
4	Duty day greater than 12 hours	3							
5	Crew rest less than 12 hours prior to duty day	2							
6	Eight or more legs	5							
		Total Factor Score							
Operating Environment									
7	Pop up trip (less than 2 hours crew notice)	2							
8	Repositioning flight (no passengers or cargo) more than 30 minutes	3							
9	International operations	2							
10	Elevation of primary airport greater than 3000 ft. MSL	3							
11	Ceiling & visibility at departure less than 500 ft./ 2sm	1							
12	Visual Glideslope Indicator available	-2							
13	Terminal forecast > 3000/3	-3							
14	Night operation	3							
15	Thunderstorms at departure and/ or destination	4							
16	Ceiling & visibility at destination less than 500 ft./ 2sm	5							
17	Heavy rain at departure and/ or destination	5							
18	Surface winds greater than 30 knots	5							
19	Landing zone is not a licensed helipad	2							
20	Landing zone is not lighted during a night operation	2							
21	Pilot has not previously landed at destination	2							
22	Destination airfield is in Class B airspace	-1							
		Total Factor Score							
Operating Equipment									
24	MEL/ CDL Items (items related to the safety of flight)	2							
25	Agusta Auto Pilot Inoperative	2							
26	GPS Inoperative	2							
27	Special flight limitations based on AFM equipment limitations	2							
28	Aircraft equipped with terrain awareness and warning system	-4							
29	Special flight permit operations (ferry permit)	3							
		Total Factor Score							
		Total Trip Score							

If score > 45, NO-GO, cancel flight.
 If score > 20, designated 3rd party (GOM R.20) must approve.

Approved by:



Flight Risk Analysis Tool - Airplane

Date:		Aircraft:		Origin:					
PIC:		SIC:		Destination:					

Pilot Qualifications/ Experience/ Duty Time

1	PIC with less than 200 hours in type	3							
2	SIC with less than 200 hours in type	2							
3	PIC with less than 50 flight hours in the last 90 days	2							
4	SIC with less than 50 flight hours in the last 90 days	1							
5	Duty day greater than 12 hours	3							
6	Crew Rest less than 12 hours prior to Duty Day	2							
7	Five or more legs	5							
Total Factor Score									

Operating Environment

7	Pop up trip (less than 2 hours crew notice)	2							
8	Repositioning flight (no passengers or cargo)	2							
9	International operations	2							
10	VFR departure, receiving IFR clearance airborne	1							
11	Departure/ Arrival in an MTOS area	3							
12	Weather at departure airport below landing minimums	3							
13	Elevation of departure airport greater than 5000 ft MSL	3							
14	Aircraft requires deicing prior to departure	3							
15	Accelerate stop distance > 80% of available runway	5							
16	Night operation	1							
17	Wet runway	1							
18	Contaminated runway	3							
19	Terminal forecast > 3000/3	-3							
20	Control tower not operational at ETA or ETD	3							
21	Thunderstorms at departure and/ or destination	3							
22	Ceiling & visibility at destination within 200 ft/1sm of approach minimums	3							
23	Heavy rain at departure and/ or destination	5							
24	Moderate icing enroute	5							
25	No weather reporting at destination	3							
26	Surface winds at departure and/or destination > 30 knots	3							
27	Crosswind component at departure and/or destination > 15 knots	5							
28	Gust factor at departure and/or destination > 10 kts	5							
29	Non-precision approach only available for most probable runway	4							
30	Circling approach only available for most probable runway	5							
31	Visual Glideslope Indicator available	-2							
32	Runway braking action less than good	5							
33	Stopping distance > 60% of available runway	5							
Total Factor Score									

Operating Equipment

34	No TCAS	3							
35	Open MEL items	2							
36	Special flight limitations based on AFM equipment limitations	2							
37	Special flight permit operations (ferry permit)	3							
Total Factor Score									
Total Trip Score									

If score > 45, NO-GO, cancel flight.

If score > 20, designated 3rd party (GOM R.3.3) must approve

Approved by: _____

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