



NATIONAL TRANSPORTATION SAFETY BOARD

Office of Aviation Safety
Washington, D.C. 20594

June 1, 2020

Group Chairmen's Factual Report – Attachment 16

Flight 3296 Flight Risk Assessment form

OPERATIONAL FACTORS/HUMAN PERFORMANCE

DCA20MA002



FLIGHT RISK ASSESSMENT Part 121

3296

DATE: 10/17/19

A/C: 686PA

FLIGHT#: 12861

INSTRUCTIONS: Complete all sections. Circle all that apply. Please write and suggestions on reverse side.

EQUIPMENT		MANPOWER		PIC	SIC
Short Notice/Change	+1	Less Than 100 Hour Type		+2	+2
Dawn/Dusk	+2	End of Duty Day		+2	+1
Night	+3	> 5 Legs Flown Previous to this Flight		+1	+1
Instructor Ck Airman Crewmember	+2	Unfamiliar Destination		+3	+2
IOE Check Ride	+3	Last Flight > 14 Days Ago		+1	+1
More Than 2 hours from Home Base	+1	Personal Commitment Following Flight		+2	+2
Destination Runway <6000'	+2	Recent Divorce		+2	+2
10% of Max Gross Weight T/O	+1	Recent Death in Family		+2	+2
Two Destinations Add +1 for Each Additional	+2	Illness in Family		+1	+1
Ground Deicing Required	+2	Less than 1 year with the Company		+1	+1
WEATHER					
T/O VIS 1-3 MI.	+1	Landing VIS < 1 Mile Above Minimums			+2
T/O VIS < 1 MI.	+2	Landing VIS 1-3 Above Minimums			+1
Turbulence Forecast	+1	Precipitation			+1
Cross Wind Component > 15 Knots *	+2	Snow Squall or Thunderstorms			+2
Gust Factor > 15 Knots *	+2	Icing Forecast			+2
IFR Approach Required	+1	Wet Runway			+1
Ceiling <200' above Minimum on Approach plate	+1	Ice on Runway			+2
Temp/Dewpoint < 3Point Spread	+1	Snow Berms			+2
DESTINATION AIRPORT					
Operational Control Tower	-1	APP/DEP Over Water			+1
VASI/PAPI Inoperative	+1	High Bird Hazard			+1
No Company Ramp Personnel	+1	Gravel Runway			+1
No Company Wind Chart Available	+3	Runway Condition Report-more than 2-hours old			+5
NDB or VOR only	+2	Break-up Conditions			+3
Mountainous Terrain	+3	No Ground Deicing Available (Winter only)			+6
OTHER RISK FACTORS			POINT TOTALS		
			EQUIPMENT:	2	
			MANPOWER:		
			WEATHER:	4	
			**RUNWAY RISK FACTOR:	4	
			DEST. AIRPORT/OTHER:	10	
			GRAND TOTAL:	10	
RISK FACTOR	TOTAL	ACTION			
LOW	0-15	Pilot & Dispatcher Concurrence			
CAUTION	16-25	Pilot & Dispatcher Concurrence			
MEDIUM	25-39	Pilot & Dispatcher & Management Approval *			
HIGH	40 - GREATER	Cancel Flight!			

**Use risk factor assignment to airport from wind chage - Use "Destination Airport" column when wind chart not available.
 * Management approval is needed when destination winds, including gusts are over 40 knots.

PIC Signature

Dispatcher Name

* Management Initials

The information on this form is confidential and protected by the self-critical analysis privilege. This information is not available to anyone, other than PenAir employees.