Attachment 2

To Operations/Human Performance Group Factual Report

DCA11IA015

757 Special Landing Analysis
Jackson Hole, WY

757 Special Landing Analysis

Jackson Hole, WY (JAC/KJAC)
Elevation 6451 Feet
Runway Limited Landing Weight - 1000 Lbs

Usable Landing Length - Feet	Wet or Dry	Flaps 25		Flaps 30	
		Zero Wind	5 knots Tailwind	Zero Wind	5 knots Tailwind
5300 to 5499	Wet	161.5	140.7	164.3	144.0
	Dry	188.5	167.7	191.3	171.0
5500 to 5699	Wet	168.3	147.5	171.1	150.8
	Dry	196.3	175.5	199.1	178.8
5700 to 5899	Wet	175.1	154.3	177.9	157.6
	Dry	204.1	183.3	207.0	186.7
5900 to 6099	Wet	181.9	161.1	184.7	164.4
	Dry	211.9	191.5	214.8	194.5
6100 to 6299	Wet	188.7	167.9	191.5	171.2
	Dry	219.7	198.9	222.7	202.4
6300 & Longer	Wet	195.4	174.7	198.3	178.0
	Dry	227.5	206.7	230.3	210.1

Headwind Correction	Add 1000 Lbs per Knot

Tailwind Limit: 5 knots

Climb Limited Landing Weight - 1000 Lbs

OAT °C	16 & Colder	20	24	28	32	36	40
Flaps 25	271.0	265.5	258.8	251.1	243.6	235.9	227.8
Flaps 30	247.5	242.7	236.7	229.9	223.1	216.0	208.5

Corrections:

Configuration	Flaps 25	Flaps 30
APU ON	- 700 Lbs	- 700 Lbs
Engine Anti-Ice ON	- 400 Lbs	- 500 Lbs
Eng. & Wing Anti-Ice ON	-11,500 Lbs	-11,000 Lbs
Ice Accretion	-12,500 Lbs	-10,900 Lbs

Required Runway Landing Length - Feet

Gross Weight 1000 Lbs	Flaps 25				Flaps 30			
	DRY	WET/ GOOD	FAIR/ MED.	POOR	DRY	WET/ GOOD	FAIR/ MED.	POOR
130	3790	4370	5520	6490	3740	4300	5210	6250
140	4050	4650	5790	6860	4000	4590	5490	6600
150	4310	4950	6070	7230	4250	4880	5760	6940
160	4560	5250	6350	7600	4500	5170	6040	7290
170	4820	5540	6620	7960	4760	5470	6310	7630
180	5080	5840	6900	8330	5010	5770	6590	7980
190	5340	6130	7170	8700	5270	6060	6870	8320
198	5540	6370	7400	9010	5480	6300	7100	8630
Headwind	- 30	- 30	- 33	- 48	- 30	- 30	- 32	- 47
Tailwind	+ 100	+ 100	+ 120	+ 178	+ 100	+ 100	+ 117	+ 175
No Reverse	0	0	+2105	+4508	0	0	+1932	+4071