



NATIONAL TRANSPORTATION SAFETY BOARD

Office of Aviation Safety
Washington, D.C. 20594

March 26, 2020

Attachment 7 – Accident Flight Weight and Performance Record

OPERATIONAL FACTORS

DCA16LA100

Performance and Weight and Balance Request

AeroData Code = 181
 Message Format ID = C
 ICAO Origin Code = KORD
 Runway 1 = 9R
 Runway 2 = 10L/DD
 Runway 3 = 32L/T10
 Surface Code = 0(Dry)
 Depth Code = 0(None)
 Wind Direction = 000
 Wind Speed = 00
 OAT °C =
 QNH =
 Thrust Code = 0(Optimum)
 Anti-Ice Code = 0(Auto)
 FA Code = 1(One FA)
 Additional Crew Member = 0
 Catering Code = 0(Standard)
 Zone A - Adult Count = 0
 Zone A - Child Count = 0
 Zone A - Extra Weight =
 Zone A - Total Weight =
 Zone B - Adult Count = 10
 Zone B - Child Count = 0
 Zone B - Extra Weight =
 Zone B - Total Weight =
 Zone C - Adult Count = 11
 Zone C - Child Count = 0
 Zone C - Extra Weight =
 Zone C - Total Weight =
 Zone D - Adult Count = 5
 Zone D - Child Count = 0
 Zone D - Extra Weight =
 Zone D - Total Weight =
 Zone E - Adult Count = 4
 Zone E - Child Count = 0
 Zone E - Extra Weight =
 Zone E - Total Weight =
 Infants =
 Fwd Bin - Standard Bags = 13
 Fwd Bin - Valet Bags = 13
 Fwd Bin - Heavy Bags = 0
 Fwd Bin - Ballast Weight =
 Fwd Bin - Other Weight =
 Closet - Weight = 0
 FOB = 5.8
 Release Number = 00
 Captain ID = 8176PK
 FO ID = TMNT
 Control Code = CAF6

FLT	RLS	TIME
4615	0	0430Z
WIND	OAT C	QNH
000/00	2	30.00
TTL PAX	BAGS/CARGO	
30	26/	0
A AD/CH B	CG/ZFW	
0 /0 10/0	21.6/34137	
C AD/CH D	FOB	
11/0 5 /0	5800	
E AD/CH	CG/TOW	
4 /0	20.5/39537	
REMARKS		
NONE		

KORD 09R	7967
DT H093 FRA 1680 N1 82.2	
ALT T/O-1	V1 119
F9 MRTW 47452/O	VR 119
MTOW 44981	V2 131
PT8 GTOW 39537	VFS 160
KORD 10L/DD	10096
DT H093 FRA 1680 N1 82.2	
ALT T/O-1	V1 119
F9 MRTW 48971/O	VR 119
MTOW 44981	V2 131
PT8 GTOW 39537	VFS 160
KORD 32L/T10	8801
DT H323 FRA 1680 N1 82.2	
ALT T/O-1	V1 119
F9 MRTW 48935/O	VR 119
MTOW 44981	V2 131
PT8 GTOW 39537	VFS 160

Landing Request	FLT	LDW	TIME
AeroData Code = 181	4615	37100	0503Z
Message Format ID = C	WIND	OAT C	QNH
ICAO Origin Code = KORD	030/22	7	29.74
ICAO Destination Code = KSTL			
Runway 1 = 30L			
Surface Code = 0(Dry)			
Braking Action Report Code = 0(No Report)			
Flaps Code = 0(Flaps 45)			
Wind Direction = 030			
Wind Speed = 22			
OAT °C =			
QNH =	KSTL 30L		10819
Estimated Landing Weight = 37.1			
Anti-Ice = 0(Off)	FLP MLDW 42549/S	VRF 121	
Visibility = 0(Normal)	45 LDW 37100	VFS 156	
Residual Ice = 0(No)	MIN RQRD LENGTH	4047 FT	
Thrust Reverser Credit = 1(Yes)	UNFACTORED DIST	2530 FT	
QRH Factor =			
Control Code = C5F5			

REMARKS
REVERSER CREDIT

Landing Request	FLT	LDW	TIME
AeroData Code = 181	4615	37100	0504Z
Message Format ID = C	WIND	OAT C	QNH
ICAO Origin Code = KORD	030/22	7	29.74
ICAO Destination Code = KSTL			
Runway 1 = 30R			
Surface Code = 0(Dry)			
Braking Action Report Code = 0(No Report)			
Flaps Code = 0(Flaps 45)			
Wind Direction = 030			
Wind Speed = 22			
OAT °C =			
QNH =	KSTL 30R		9003
Estimated Landing Weight = 37.1			
Anti-Ice = 0(Off)	FLP MLDW 42549/S	VRF 121	
Visibility = 0(Normal)	45 LDW 37100	VFS 156	
Residual Ice = 0(No)	MIN RQRD LENGTH	4047 FT	
Thrust Reverser Credit = 1(Yes)	UNFACTORED DIST	2530 FT	
QRH Factor =			
Control Code = 8334			

REMARKS
REVERSER CREDIT

Landing Request	FLT	LDW	TIME
AeroData Code = 181	4615	37100	0525Z
Message Format ID = C	WIND	OAT C	QNH
ICAO Origin Code = KORD	030/22	7	29.74
ICAO Destination Code = KSTL			
Runway 1 = 30L			
Surface Code = 0(Dry)			
Braking Action Report Code = 0(No Report)			
Flaps Code = 1(Flaps 22)			
Wind Direction = 030			
Wind Speed = 22			
OAT °C =			
QNH =	KSTL 30L		10819
Estimated Landing Weight = 37.1			
Anti-Ice = 0(Off)	FLP MLDW 42549/S	VRF 127	
Visibility = 0(Normal)	22 LDW 37100	VFS 156	
Residual Ice = 0(No)	MIN RQRD LENGTH	5210 FT	
Thrust Reverser Credit = 1(Yes)	UNFACTORED DIST	3256 FT	
QRH Factor =			
Control Code = 8041			

REMARKS
REVERSER CREDIT