

**DOCKET NO.: SA-515**

**NATIONAL TRANSPORTATION SAFETY BOARD  
WASHINGTON, D.C.**

**ATTACHMENT 3**

**COPIES OF DL 1288 FLIGHT PAPERS AND WEIGHT & BALANCE  
(16 PAGES)**

**BY: PAUL R. MISENCIK  
AIR SAFETY INVESTIGATOR**

**EVAN BYRNE, Ph.D.  
HUMAN PERFORMANCE INVESTIGATOR**

COPY FROM 076F1A 06JUL/1158

FLIGHT DISPATCH RELEASE ACKNOWLEDGEMENT

THAYER 82

06 JUL 96

DL 1288/06 RLS 1 PNS - ATL ALTN TYS  
SHIP 927 IFR BLK FUEL 19000  
MINIMUM PUSHBACK FUEL 18500

I CONSIDER ALL FACTORS INCLUDING MY OWN PHYSICAL  
CONDITION SATISFACTORY FOR THIS FLIGHT. I HAVE  
RECEIVED THE FOLLOWING.

FLIGHT PLAN/DISPATCH RELEASE  
FINAL OR FINAL-RADIO WEIGHT DATA RECORD  
FINAL WEATHER BRIEFING  
FUEL SERVICE RECORD  
PERTINENT SECURITY INFO FROM GROUND SECURITY COORD\*YES / NONE

CAPTAINS SIGNATURE\*\*

PRINTED NAME/CREW BASE\*\*

*[Redacted Signature]*  
*John R. Buppell/TL*

1

UPDATED WEATHER BRIEFING

DL1288/06/RLS 1

DISP 82

FL 290

ETE 0040

06JUL1908

PNS 1915Z 1415L-ATL 2021Z 1621L ALTN TYS

PNS..CFW..LGC.LGC6.ATL

DESTINATION WEATHER

ATL 061903 METAR 1850Z 061856Z VRB05KT 7SM FEW049 33/17 A3002  
RMK A02 SLP154 T03280172

WEATHER AROUND DESTINATION

BHM 061903 METAR 1850Z 061850Z 33005KT 9SM FEW065 34/17 A2998  
RMK SLP144 T03430171  
AGS 061903 SPECI 1850Z 061842Z 00000KT 10SM BKN018 BKN039 27/22  
A3002 RMK A02  
AGS 061903 METAR 1850Z 061853Z 00000KT 10SM SCT018 BKN032  
OVC044 27/22 A3001 RMK A02 SLP162 T02670222  
CHA 061903 METAR 1856Z 061853Z 04006KT 10SM CLR 31/16 A3000 RMK  
A02 SLP152 T03110161  
TYS 061903 METAR 1856Z 061853Z VRB05KT 10SM FEW050 31/17 A3001  
RMK A02 SLP148 T03060172  
CAE 061903 METAR 1856Z 061856Z 31003KT 10SM SCT080 29/20 A2999  
RMK A02 SLP154 T02940200

ALTERNATE AIRPORT WEATHER

TYS 061903 METAR 1856Z 061853Z VRB05KT 10SM FEW050 31/17 A3001  
RMK A02 SLP148 T03060172

ORIGIN WEATHER

PNS 061903 METAR 1850Z 061850Z 21012KT 7SM SCT035TCU 32/25  
A2998 RMK TCU ALQDS

ENROUTE SURFACE WEATHER

CEW 061903 METAR 1850Z 061849Z 16006KT 6SM HZ SCT035 BKN070  
BKN200 29/24 A2997 RMK RAE45 SLP149  
CSG 061903 METAR 1850Z 061853Z 15008KT 10SM FEW049 31/22 A2999  
RMK A02 SLP148 T03110222

GOVERNMENT WEATHER ALERTS

V50 061856-062055 CONVECTIVE SIGMET 40E VALID UNTIL 2055Z FL  
AND CSTL WTRS FROM 30SSW JAX-40E PIE-150WSW PIE-80S  
CEW-30SSW JAX AREA TS MOV FROM 25020KT. TOPS ABV FL450.  
V51 061856-062055 CONVECTIVE SIGMET 41E VALID UNTIL 2055Z GA AL  
FROM 30ESE MGM-20N AMG-30SSW AMG-50ENE CEW-30ESE MGM AREA  
TS MOV FROM 27015KT. TOPS ABV FL450.  
V52 061856-062055 CONVECTIVE SIGMET 42E VALID UNTIL 2055Z SC GA  
FL CSTL WTRS FROM 130SSE ILM-220SE CHS-170NE VRB-70SSE  
CHS-130SSE ILM AREA TS MOV FROM 25010KT. TOPS ABV FL450.  
OUTLOOK VALID 062055-070055 AREA 1...FROM 150E ILM-180ENE  
PBI-PBI-120WNW EYW -210SE MSY-CEW-CHS-150E ILM STILL  
CNSDRBL CNVTN OVER NRN/ERN GLFMEX MOVG NWD AS APR TROF  
MOVS ACRS AREA. EXTNV TSTM ACTVY EXPCD TO CONT OVER NERN  
GLF AND NRN HLF FL. AREA 2...FROM 70NW CAR-CAR-50ESE  
MLT-40SE CON-40SE ALB -SYR-30ESE YOW-YSC-70NW CAR CDFNT  
RUNS FM JUST WEST OF ME SWWD THRU WRN NY. SFC DWPNTS ARE  
NEAR 60S ALG THE FNT AND OVER ERN NY BUT AMS IS NOT VERY  
UNSTBL. STG TROF MOVG ACRS NRN HLF NEWENG WITH SOME MID LVL  
DRYING MOVG ACRS NRN ME SHUD SUPPORT SOME TSTM ACTVY NEAR  
THE FNT THIS AFTN. HUDSON

2

82585 OEW MDB SHIP 927 INCLUDES 3 FLT ATT W/BAGS

1000 ADD 4 PAX/320LBS -OR- SUB 2 PAX  
 SUBTRACTION TOLERANCE AUTH FOR FLT CREW USE ONLY

2310 14 FC  
 21120 128 YC  
 195 1 XC

235 B1 CARGO  
 165 B2 CARGO  
 259 B3 CARGO  
 696 B4 CARGO  
 1998 B5 CARGO  
 1927 B6 CARGO

112490 ZERO FUEL WEIGHT MAX 118000  
 112512.6 ADJUSTED ZFW 12.1 PCT MAC ZFW

19000 FUEL/L - 9250/R - 9250/C - 500  
 -260 LESS TAXI FUEL

131230 ACTUAL TAKEOFF WEIGHT AI 53 16.2 PCT MAC

\*\*\*\*\*  
 131215.8 ADJUSTED TAKEOFF WEIGHT PNS TAKEOFF WEATHER /NWS  
 TEMP 89F ALT 29.98  
 WIND 210/12 KTS

135171 MAX TAKEOFF WT THIS FLIGHT  
 LIMITED BY FLIGHT PLANNING RESTRICTIONS

MAX T/O WT LDG ATL MAX LDG WT BURNOFF 5660 FCST 87 F  
 135660 FLAP 28 130000

149500 MAX STRUCTURAL TAKEOFF WEIGHT

\*\*\*\*\*  
 PNS RWY 17 / 7002 FT 89F/ 32C 9HW 8XW

STANDARD PROFILE

RWY COND	THRUST/FLAP	PERF LIM	RATOW	STAB	V1	VR	V2
*DRY *	*AT50/11*	*OVERWT	OVERWT*	---	---	---	---
*DRY *	*AT45/11*	*131374 HW 08	131374*	5.5	133	138	146*
*DRY *	* TO/11*	*141383	141383*	5.5	131	137	146*
SLWET	TO/11	139170	139170	5.5	128	137	146
ICY	TO/11	OVERWT	OVERWT	---	---	---	---
25CTR	TO/18	131259 HW 02	131259	6.1	117	130	138
50CTR	TO/18	OVERWT	OVERWT	---	---	---	---

PNS RWY 35 / 7002 FT 89F/ 32C 9TW 8XW

STANDARD PROFILE

RWY COND	THRUST/FLAP	PERF LIM	RATOW	STAB	V1	VR	V2
*DRY *	*AT50/11*	*OVERWT	OVERWT*	---	---	---	---
*DRY *	*AT45/11*	*OVERWT	OVERWT*	---	---	---	---
*DRY *	* TO/11*	*OVERWT	OVERWT*	---	---	---	---
*DRY *	* TO/18*	*133157 TW 10	133157*	6.1	125	130	138*
SLWET	TO/18	OVERWT	OVERWT	---	---	---	---
ICY	TO/11	OVERWT	OVERWT	---	---	---	---
25CTR	TO/18	OVERWT	OVERWT	---	---	---	---
50CTR	TO/18	OVERWT	OVERWT	---	---	---	---

PNS RWY 8 / 6000 FT 89F/ 32C 8TW 9XW

STANDARD PROFILE

RWY COND	THRUST/FLAP	PERF LIM	RATOW	STAB	V1	VR	V2
*DRY *	*AT50/11*	*OVERWT	OVERWT*	---	---	---	---
*DRY *	*AT45/11*	*OVERWT	OVERWT*	---	---	---	---
*DRY *	* TO/11*	*OVERWT	OVERWT*	---	---	---	---
*DRY *	* TO/18*	*OVERWT	OVERWT*	---	---	---	---
SLWET	TO/11	OVERWT	OVERWT	---	---	---	---
ICY	TO/11	OVERWT	OVERWT	---	---	---	---
25CTR	TO/18	OVERWT	OVERWT	---	---	---	---
50CTR	TO/18	OVERWT	OVERWT	---	---	---	---

PNS RWY 26 / 6000 FT 89F/ 32C 8HW 9XW

STANDARD PROFILE

RWY COND	THRUST/FLAP	PERF LIM	RATOW	STAB	V1	VR	V2
*DRY *	*AT50/11*	*OVERWT	OVERWT*	---	---	---	---
*DRY *	*AT45/11*	*OVERWT	OVERWT*	---	---	---	---

3

MAX T/O WT 135660    LGF ATL FLAP 28    MAX LDG WT 130000    BL-RVU-    300    20

149500 MAX STRUCTURAL TAKEOFF WEIGHT

\*\*\*\*\*  
 PNS RWY 17 / 7002 FT 89F/ 32C 9HW 8XW

STANDARD PROFILE

RWY COND	THRUST/FLAP	PERF LIM	RATOW	STAB	V1	VR	V2
*DRY *	*AT50/11*	*OVERWT	OVERWT*	---	---	---	---
*DRY *	*AT45/11*	*131374 HW 09	131374*	5.5*	133	138	146*
*DRY *	* TO/11*	*141383	141383*	5.5*	131	137	146*
SLWET	TO/11	139170	139170	5.5	128	137	146
ICY	TO/11	OVERWT	OVERWT	---	---	---	---
25CTR	TO/18	*131259 HW 02	131259	6.1	117	130	138
50CTR	TO/18	OVERWT	OVERWT	---	---	---	---

-----  
 PNS RWY 35 / 7002 FT 89F/ 32C 9HW 8XW

STANDARD PROFILE

RWY COND	THRUST/FLAP	PERF LIM	RATOW	STAB	V1	VR	V2
*DRY *	*AT50/11*	*OVERWT	OVERWT*	---	---	---	---
*DRY *	*AT45/11*	*OVERWT	OVERWT*	---	---	---	---
*DRY *	* TO/11*	*OVERWT	OVERWT*	---	---	---	---
*DRY *	* TO/18*	*133157 TW 10	133157*	6.1*	125	130	138*
SLWET	TO/18	OVERWT	OVERWT	---	---	---	---
ICY	TO/11	OVERWT	OVERWT	---	---	---	---
25CTR	TO/18	OVERWT	OVERWT	---	---	---	---
50CTR	TO/18	OVERWT	OVERWT	---	---	---	---

-----  
 PNS RWY 8 / 6000 FT 89F/ 32C 8TW 9XW

STANDARD PROFILE

RWY COND	THRUST/FLAP	PERF LIM	RATOW	STAB	V1	VR	V2
*DRY *	*AT50/11*	*OVERWT	OVERWT*	---	---	---	---
*DRY *	*AT45/11*	*OVERWT	OVERWT*	---	---	---	---
*DRY *	* TO/11*	*OVERWT	OVERWT*	---	---	---	---
*DRY *	* TO/18*	*OVERWT	OVERWT*	---	---	---	---
SLWET	TO/11	OVERWT	OVERWT	---	---	---	---
ICY	TO/11	OVERWT	OVERWT	---	---	---	---
25CTR	TO/18	OVERWT	OVERWT	---	---	---	---
50CTR	TO/18	OVERWT	OVERWT	---	---	---	---

-----  
 PNS RWY 26 / 6000 FT 89F/ 32C 8HW 9XW

STANDARD PROFILE

RWY COND	THRUST/FLAP	PERF LIM	RATOW	STAB	V1	VR	V2
*DRY *	*AT50/11*	*OVERWT	OVERWT*	---	---	---	---
*DRY *	*AT45/11*	*OVERWT	OVERWT*	---	---	---	---
*DRY *	* TO/11*	*OVERWT	OVERWT*	---	---	---	---
*DRY *	* TO/18*	*OVERWT	OVERWT*	---	---	---	---
SLWET	TO/11	OVERWT	OVERWT	---	---	---	---
ICY	TO/11	OVERWT	OVERWT	---	---	---	---
25CTR	TO/18	OVERWT	OVERWT	---	---	---	---
50CTR	TO/18	OVERWT	OVERWT	---	---	---	---

\*\*\*\*\*  
 PERFORMANCE NOTES:

TAILWIND: -1050 LBS/KNOT FROM RATOW  
 TEMP INC: -839 LBS/DEG F -UP TO 94F- FROM PERF LIM AND RATOW  
 HEADWIND - ADD 200 LBS/KNOT TO RATOW

BLEED AIR CORRECTIONS - ENGINE ANTI-ICE ON  
 NO CORRECTION REQUIRED

PACKS OFF TAKE-OFF  
 ADD 1200 LBS TO RATOW  
 TMC INCREASES TAKEOFF EPR BY 0.02

NO LANDING NOTES.

MEL/CDL:  
 NONE

\*\*\*\*\*  
 REMARKS:

FLT 1288/06  
 END

ROSTD - 19 AVAIL  
 END COPY



COPY FROM 076F1A 06JUL/1159

THAYER 82  
DL1288/06 RLS 1 PNS/ATL ALTN TYS

	SKED	PLND	ACFL
KPNS	1915Z/1415L	1915Z	.....
TAXI		0007	.....
OFF		1922Z	.....
ETE		0040	.....
ON		2002Z	.....
TAXI		0009	.....
KATL	2021Z/1621L	2011Z	.....

SHIP 927 T/MD88/F DMKP TYPE ECN FL 290 ROUTE A 245 MJ  
ELEV KPNS 121 FT KATL 1026 FT

KPNS..CEW..LGC.LGC6.KATL FTE-40

RAMP WT 130430 LWT 124515 PAYLOAD 142/028690  
MPTW 135171 FLIGHT PLAN INCLDS CARGO 001000  
TARGET GATE ARVL FUEL 12.8 GATE B14 RAMP R02  
FREQ 128.87

TRIP TIME/BURN PNS ATL	40/005920	-TAXI 07/00260
IFR/ALTN TYS FL230	26/004010	
PLND CNTNGNCY FUEL	31/003010	SEE RMKS
UNPLND CNTNGNCY FUEL	15/001480	
RESERVE FUEL	004590	
BLOCK FUEL	019000	
MINIMUM PUSHBACK FUEL	018500	

FLIGHT CONTROL AND MAINTENANCE REMARKS

-FUEL  
01 ..PCF IS ADDNL HOLD FUEL..  
-DISPATCHER  
NONE

-SHIP REMARKS

927 COST INDEXES / ECN 102 / SL1 68 / MNF 0

ALERTS	FIX	FL	TEM	PWR	IAS/M	TAS	WCP	GS	ID	IT	IF	TRMG	FRMG
												003	
	TAXI											0040	0187
SE1					ECN/CLB		P005		034	007	023		0164
	CEW											0033	
SE1					ECN/CLB		P006		049	007	015		0149
	T-O-C											0026	
	290 P12 687	294/760	461	P014	475	041	005	006					
	T-O-D											0021	0143
					300/760		P005		063	009	003		
	LGC											0012	0140
SE1									058	012	009		
	ATL											0000	0131

DESCENT LNDG 09 CROSS HONIE 12000 FT 250 KIAS

VOR	ATL	ATL	ATL	ATL	ATL	ATL
RADIAL	217	221	223	225	228	228
DME	113	082	070	061	049	040
FL	290	250	210	180	140	120

DESCENT LNDG 27 CROSS TIROE 14000 FT

VOR	ATL	ATL	ATL	ATL	ATL
RADIAL	219	224	228	228	228
DME	095	064	052	043	029
FL	290	250	210	180	140

COMPUTED ENROUTE WINDS

FIX	TROP	CRZ	FL	TWO FLT LVLS LOWER				TWO FLT LVLS HIGHER			
				SAT	TAT	SAT	TAT	SAT	TAT	SAT	TAT
T-D-D	48	29	26026	25	27017	27	27021	31	26030	33	26035
T-D-D	48	29	27026	25	28019	27	27022	31	27030	33	27034

FIX LIST DATA

FIX	FMS	LAT	LONG	AVG	AVG	AVG
				T/C	VAR	D/C
KPNS		N30 28.4	W087 11.2	051	E02	
CEW		N30 49.6	W086 40.7	029	W00	



KPNS N30 28.4 W087 12.2 029 W00  
CEW N30 49.6 W086 40.7 029 W00  
LGC N33 02.9 W085 12.4 048 W02  
KATL N33 38.4 W084 25.6

AIRPORT/NAVIGATIONAL REMARKS

-AIRPORT REMARKS

PNS 02  
PNS NOW HAS DIESEL POWERED AIRSTART UNIT  
PNS 03  
\*\*\* RAMP FREQ IS 131.02 \*\*\*

ATL 03  
T-GATES HAVE MOBILE POWER BUT CONDITIONED AIR IS LIMITED.  
AIRCRAFT WITH INOP AFU ADVISE ATL RAMP TWR OF REQUIREMENTS  
UPON ARRIVAL ON 128.67

-AIRPORT NOTAMS

PNS 08/030 343.65 VICE 376.6  
PNS 08/044 398.95 VICE 380.6  
PNS 06/033 TOWER 140 AGL 2.4 NW UNLGTD TIL 07131900  
ATL 10/004 BR ILS LOC UNUSBL BYD 20 DEG L OF CNTRLN  
ATL 06/022 TDWR OTS  
ATL 06/026 26L ILS MM OTS  
ATL 07/006 TWR 275 AGL 6.0 NE UNLGTD TIL 200100  
TYS 06/016 TOWER 260 AGL 3.66 SW UNLGTD TIL 07100545

-JEPPESEN CHANGES/FDC NOTAMS/INTERNATIONAL NOTAMS

PNS 5/0989  
5/0989  
NDB OR GPS RWY 35 AMDT 16  
S-35 MDA 540/HAT 419 ALL CATS VIS 1 1/4  
CAT C  
NDB OR GPS RWY 17 ORIG-A  
S-17 MDA 640/HAT 519 ALL CATS RVR 5000 CAT C  
  
313 MSL TEMPORARY CRANE 1.0 NM W/NW OF RWY 8  
THLD.  
ATL 3/3505  
ILS RWY 9R AMDT 16 CAT IIIB  
RVR 600.

-ENROUTE NOTAMS

MEI 001 06/015 TACAN 338-017 UNUSBL  
GPT 001  
APPEARS ONLY ON JEPPI LOW. COORDS N3024.4 W08904.6  
12/10/95\*COHEN  
TLH41 001 TLH41 IS UNNAMED X-BREAK ON AWY J2 41NM ON  
TLH-288R. COORDINATES ARE N3047.2W08507.5. THIS X-BREAK IS  
DEPICTED AS MARIANNA -MAI- ON JEPPI US/LO 31.  
TAY 001 12/055 VOR 174-224 UNUSBL BLO 8000  
GEF 001 GREENVILLE FL VOR \*GEF\* PUBLISHED ON US LO 31 JEPPI  
CHART.  
O1MGM 001 O1MGM IS AN UNCHARTED WAYPOINT 101 NM ON MGM 131  
RAD. LAT/LON IS N3105.2 W08451.6  
ALD 001 07/010 VOR UNUSBL 360-035 BLO 3000P036-134 BLO  
6000P135-145 BYD 10 BLO 6000P146-216 BLO 6000P217-314 BLO  
3000P315-325 BYD 10 BLO 3000P326-341 BLO 3000P342-359 ALL  
ALT  
OORMG 001 EFF 31OCT94 FMS IDENT OORMG IS UNNAMED X-BREAK IN  
ATL \*RMG\* ARRIVAL OF SIDON TRANSITION.

DL1288/06 RLS 1 PNS-ATL 06JUL1478DA  
END COPY

061700  
QSS 7223

6

LOAD MSG - ATL  
475/06 0927 FUEL 22000  
CAPT UNK - IFSC/FAIC UNK  
PSGRS DUE  
---SB TO PNS FC-0 CC-N/A YC-0  
PNS F12 Y128 NR2-0  
---RMKS- / 0 OVERSALES  
CARGO DUE

PNS  
01 658 LCL 28  
03 470 LCL 20  
04 650 FR 300 LM 350  
05 2069 LCL 85 PRB 3  
06 1410 LCL 60

END

061820  
QSS 7230





FLT INFO 1288/06JUL  
LOF ARR DEP ETA ON IN ETD OUT OFF SHP ELPD ACCUM MILES  
PNS 215P 0927  
ATL 421P 1.06 272

FLIFO- NONE  
FACTS-

1. PNSATL  
DLX 070596/1755 D258334591  
MILLS/C  
PERSONAL E3 277170 SS  
MEALS/CPT F Y  
PNSATL NO MEALS

END COPY 076F1A  
061822  
RES 9826

3

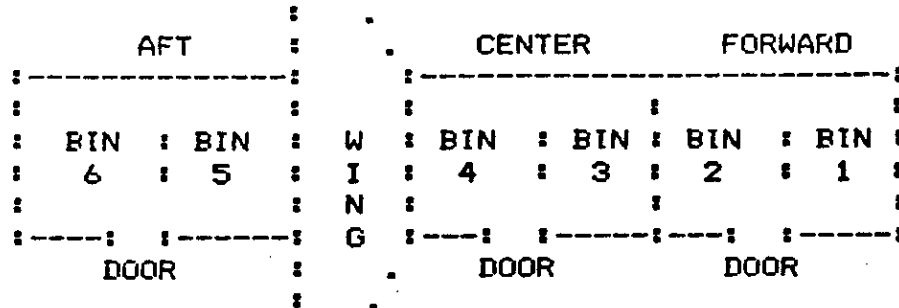
COPY FROM 076F1A 06JUL/1334

06JUL17360P 076F22  
RAMP WORKSHEET TRANSMITTED TO 06E604

AWABS-3 RWS MSG FOR PNS FLT-1288/06JUL SH- 927-D 1736Z/06JUL  
LOAD PLANNER - M-REDMOND EXT - 8023 POS - DA  
DOWNLINE STNS- ATL  
FLIGHT ORIGINATES - PNS LOCAL ETD 1415 GMT ETD 1915  
PLANNED LOAD BREAKDOWN NBR 1

THRU PGRS ORIG  
LOCAL PGRS 12/136 ATL 12/136  
TOTAL PGRS 12/136 CAPACITY 14/128  
LOCAL CARGO 05212 BAGS 192/04512 EST CARGO 00700  
TOTAL CARGO 05212  
MIN/MAX IN BINS 1 THRU 4 PREF 00/1267 LIMITS 00/2103  
MAX CARGO AS BOOKED 9416 MAX CARGO WITH FULL PGRS 9416  
COMPARTMENT PLAN ACTUAL

FORWARD  
B1 .....  
B2 .....  
CENTER  
B3 .....  
B4 .....  
AFT  
B5 .....  
B6 .....



END OF RAMP WORKSHEET

ROSTD - 50 AVAIL  
END COPY

9

*Brn 2/2/88*

 0412-81151 RECORD 8-92	STATION: <b>PNS</b>	FLIGHT NO.: <b>1288</b>	DESTINATION: <b>ATL</b>	SHIP NO.: <b>927</b>	DATE: <b>7/6</b>	DELTA AGENT: <b>KRA</b>
	AIRCRAFT TYPE: <b>MD 88</b>			FUEL TYPE: <input checked="" type="checkbox"/> JET A <input type="checkbox"/> OTHER <input type="checkbox"/> JET A-1 (SPECIFY)		

AIRCRAFT TANK SYSTEM	OPERATIVE GAUGE ENTRIES		
	AFTER SERVICING		PRIOR TO SERVICING
	DESIRED GAUGE	ACTUAL GAUGE	ARRIVAL FUEL
L	9250	4250	200
R	9250	4250	500
C	500	500	150

INOPERATIVE GAUGE READINGS				
PRE-SERVICE		AFTER SERVICING		
STICK NO. USED	ACTUAL READING	STICK NO. USED	DESIRED READING	STICK ACTUAL NO. USED / READING
				290 011
				1 1
				1 1
				352

19000  
TOTAL DISPATCH POUNDS

TOTAL POUNDS

IF STICKS ARE USED COMPLETE THE FOLLOWING

PRE-SERVICE: PITCH =      ROLL =

AFTER SERVICE: PITCH =      ROLL =

INOP GAUGE FUELING METHOD USED:

AGENT VERIFYING STICKS:

TOTAL ACTUAL POUNDS ON BOARD = 19000

SUBTRACT TOTAL POUNDS ON ARRIVAL - 15200

EQUALS POUNDS ADDED = 3800

DIVIDED BY ACTUAL FUEL DENSITY LBS/GAL (USE 6.7 IF NOT AVAILABLE) ÷ 6.70

EQUALS CALCULATED GALLONS ADDED = 567

SUBTRACT TOTAL GALLONS PUMPED - 552

EQUALS DIFFERENCE = 115

ALLOWABLE DIFFERENCE (TOLERANCE) ± 1150

FUEL BOARDED PER SERVICING VEHICLE METER(S)		
GALLONS PUMPED	WING	VEHICLE NO.
	LEFT	
552	RIGHT	
552	FUELING AGENT	<i>KRA</i>

(NOTE: LITERS x 0.26417 = U.S. GALLONS)

FLEET	FUELING TOLERANCE	SP REFERENCE
DC-9	+/- 150 GALLONS	SP 3589
MD-88	+/- 150 GALLONS	SP 3584
B-727	+/- 150 GALLONS	SP 3592
B-737	+/- 150 GALLONS	SP 3588
B-757	+/- 200 GALLONS	SP 3582
B-767	+/- 250 GALLONS	SP 3587
A-310	+/- 250 GALLONS	SP 3581
L-1011	+/- 4% OF CALC. GALS	SP 3583
MD-11	+/- 4% OF CALC. GALS	SP 3585

REMARKS:

COPY TO: WHITE CAPTAIN YELLOW STATION FILE PINK FUEL RECORDS

COPY FROM 076F1A 06JUL/1200

06JUL1458 000444

FUEL DISTRIBUTION ADVISORY MESSAGE

FLT-1288/06

PNS-ATL

NUMBER 1

SH- 927-D 1458Z/06JUL

LOAD PLANNER - M-REDMOND

EXT - 8023

POS- DA

ATTACH TO BACK OF COPY 3 OF FUEL SERVICE RECORD AND RETAIN IN STATION FILES WITH COPY 3.

BLOCK FUEL 19000 1

MINUS CENTER TANK ARRIVAL FUEL .....  
EQUALS REMAINDER ..... 9250 3

IF REMAINDER 3 IS EQUAL TO OR GREATER THAN 18500  
USE DISTRIBUTION I

IF REMAINDER 3 IS LESS THAN 18500 USE DISTRIBUTION II

DISTRIBUTION I  
BLOCK FUEL .....

DISTRIBUTION II  
BLOCK FUEL ..... 19000

MINUS 9250 EACH TANK L / R ..... MINUS CENTER TANK FUEL ..... 100

EQUALS CENTER TANK .....

EQUALS ..... 18000

DIVIDED BY 2 EQUALS ..... 9000

AMOUNT TANKS L / R EACH .....  
MINIMUM 4000 POUNDS L / R EACH

ENTER TANK QUANTITIES FROM APPROPRIATE DISTRIBUTION IN  
DESIRED GAUGE COLUMN ON FUEL SERVICE RECORD

FOAM BASED ON DENSITY OF 6.70  
END OF FUEL DISTRIBUTION ADVISORY MESSAGE

RQSTD - 39 AVAIL  
END COPY

061700  
OSS 7224

L 7200  
R 7500  
L 150

(11)

JKRY.....1.6.. (ENTER)

ESTIMATED STANDARD BAG COUNT-----1.....  
 ESTIMATED NON-STANDARD BAG COUNT--1.....  
 ESTIMATED CARGO WEIGHT-----700.....

MINI/MAX 1 1267 MAX GROSS WT. \_\_\_\_\_

THRU WEIGHT Bin-1 1 Bin-2 1 Bin-3 1 Bin-4 1 Bin-5 1 Bin-6 1  
 TOTAL ON Bin-1 235 Bin-2 165 Bin-3 259 Bin-4 696 Bin-5 1998 Bin-6 192  
 TOTAL OFF Bin-1 235 Bin-2 165 Bin-3 259 Bin-4 696 Bin-5 1998 Bin-6 192

JKTS.....1.6.. PNS (ENTER)

\*\*\*\*\* FILE ONLY DO NOT SEND \*\*\*\*\*

AGENT IN CHARGE Tommy

-THRU CARGO REMOVED-

-THRU CARGO REWORKED-

SIA	Cargo Type	From Bin	Amount

SIA	RW	From Bin	To Bin	Cargo Type	Amount

-CARGO BOARDED BREAKDOWN-

BAGS - REGULAR AND DUFFEL BAGS										Bin	AIRMAI BIN/WI	EXTRA BIN/WI	FRESH BIN/WI	TOTAL BIN/WI	AA
SIA	Key Code	Qty/Pcs	Weight	Key Code	Qty/Pcs	Weight	Key Code	Qty/Pcs	Weight						
A	CB	1/18		DB	1/10		DB	2/1		1	AM1/	EX1/	FR1/	CO1/	AA
L	CB	2/16		CB	2/19					2	AM2/	EX2/	FR2/	CO2/	AA
	CB	3/11								3	AM3/	EX3/	FR3/	CO3/	AA
	CB	4/								4	AM4/	EX4/	FR4/	CO4/	AA
	CB	5/85								5	AM5/	EX5/	FR5/	CO5/	AA
	CB	6/82								6	AM6/	EX6/	FR6/	CO6/	AA
		1/								1	AM1/	EX1/	FR1/	CO1/	AA
		2/								2	AM2/	EX2/	FR2/	CO2/	AA
		3/								3	AM3/	EX3/	FR3/	CO3/	AA
		4/								4	AM4/	EX4/	FR4/	CO4/	AA
		5/								5	AM5/	EX5/	FR5/	CO5/	AA
		6/								6	AM6/	EX6/	FR6/	CO6/	AA
		1/								1	AM1/	EX1/	FR1/	CO1/	AA
		2/								2	AM2/	EX2/	FR2/	CO2/	AA
		3/								3	AM3/	EX3/	FR3/	CO3/	AA
		4/								4	AM4/	EX4/	FR4/	CO4/	AA
		5/								5	AM5/	EX5/	FR5/	CO5/	AA
		6/								6	AM6/	EX6/	FR6/	CO6/	AA
		1/								1	AM1/	EX1/	FR1/	CO1/	AA
		2/								2	AM2/	EX2/	FR2/	CO2/	AA
		3/								3	AM3/	EX3/	FR3/	CO3/	AA
		4/								4	AM4/	EX4/	FR4/	CO4/	AA
		5/								5	AM5/	EX5/	FR5/	CO5/	AA
		6/								6	AM6/	EX6/	FR6/	CO6/	AA

12

Station PNS  
 FLT 1288 Date 7-6  
 Build-Up Area ID ABM CART 100

**BUILD-UP AREA MANIFEST  
 THREE-PART**

ABM \_\_\_\_\_ GATE \_\_\_\_\_  
 AFA \_\_\_\_\_ DEPT. TIME \_\_\_\_\_

DEST / ATL		AGENT			
AIR WAYBILL NUMBER	/	PIECES	L or K	WEIGHT	
‡ 7393 4545	/	P 1	L	426	@
‡ 7393 4560	/	P 1	L	270	@
‡	/	P			@
‡	/	P			@
‡	/	P			@
‡	/	P			@
‡	/	P			@
‡	/	P			@
‡	/	P			@
‡	/	P			@
‡	/	P			@
‡	/	P			@
‡ T		2		696	
TOTAL			PIECES	TOTAL	

DEST /				
AIR WAYBILL NUMBER	/	PIECES	L or K	WEIGHT
‡	/	P		@
‡	/	P		@
‡	/	P		@
‡	/	P		@
‡	/	P		@
‡	/	P		@
‡	/	P		@
‡	/	P		@
‡	/	P		@
‡	/	P		@
‡	/	P		@
‡	/	P		@
‡	/	P		@
‡ T				
TOTAL			ENTER	TOTAL



0412-80175  
 MANIFEST 12-95  
 SP 870, 3630

Weight Indicator  
 L = pounds  
 K = Kilograms

Format Symbols  
 ‡ - End Item key  
 @ - Carriage return key

2 696  
 PIECES WEIGHT  
 MANIFEST TOTAL

15

FLIGHT/DATE 1288 6 July 96

BAGGAGE MANIFEST

Form 0412-80099  
MANIFEST 12-80



STATION PHS

137

STATION	<del>1</del>	<del>2</del>	<del>3</del>	<del>4</del>	<del>5</del>	<del>6</del>	<del>7</del>	<del>8</del>	<del>9</del>	<del>10</del>	<del>11</del>	<del>12</del>	<del>13</del>	<del>14</del>	<del>15</del>	<del>16</del>	<del>17</del>	<del>18</del>	<del>19</del>	<del>20</del>	<del>21</del>	<del>22</del>	<del>23</del>	<del>24</del>	<del>25</del>	<del>26</del>	<del>27</del>	<del>28</del>	<del>29</del>	<del>30</del>	<del>31</del>	<del>32</del>	<del>33</del>	<del>34</del>	<del>35</del>	<del>36</del>	<del>37</del>	<del>38</del>	<del>39</del>	<del>40</del>	<del>41</del>	<del>42</del>	<del>43</del>	<del>44</del>	<del>45</del>
DB	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45

STATION	<del>1</del>	<del>2</del>	<del>3</del>	<del>4</del>	<del>5</del>	<del>6</del>	<del>7</del>	<del>8</del>	<del>9</del>	<del>10</del>	<del>11</del>	<del>12</del>	<del>13</del>	<del>14</del>	<del>15</del>	<del>16</del>	<del>17</del>	<del>18</del>	<del>19</del>	<del>20</del>	<del>21</del>	<del>22</del>	<del>23</del>	<del>24</del>	<del>25</del>	<del>26</del>	<del>27</del>	<del>28</del>	<del>29</del>	<del>30</del>	<del>31</del>	<del>32</del>	<del>33</del>	<del>34</del>	<del>35</del>	<del>36</del>	<del>37</del>	<del>38</del>	<del>39</del>	<del>40</del>	<del>41</del>	<del>42</del>	<del>43</del>	<del>44</del>	<del>45</del>
LB	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45

STATION	1	6	11	16	21	26	31	36	41	46	51	56	61	66
OB	2	7	12	17	22	27	32	37	42	47	52	57	62	67
	3	8	13	18	23	28	33	38	43	48	53	58	63	68
	4	9	14	19	24	29	34	39	44	49	54	59	64	69
	5	10	15	20	25	30	35	40	45	50	55	60	65	70

STATION	6	11	16	21	26	31	36	41	46	51	56	61	66	
RB	2	7	12	17	22	27	32	37	42	47	52	57	62	67
	3	8	13	18	23	28	33	38	43	48	53	58	63	68
	4	9	14	19	24	29	34	39	44	49	54	59	64	69
	5	10	15	20	25	30	35	40	45	50	55	60	65	70

STATION	<del>1</del>	<del>2</del>	<del>3</del>	<del>4</del>	<del>5</del>	<del>6</del>	<del>7</del>	<del>8</del>	<del>9</del>	<del>10</del>	<del>11</del>	<del>12</del>	<del>13</del>	<del>14</del>	<del>15</del>	<del>16</del>	<del>17</del>	<del>18</del>	<del>19</del>	<del>20</del>	<del>21</del>	<del>22</del>	<del>23</del>	<del>24</del>	<del>25</del>	<del>26</del>	<del>27</del>	<del>28</del>	<del>29</del>	<del>30</del>	<del>31</del>	<del>32</del>	<del>33</del>	<del>34</del>	<del>35</del>	<del>36</del>	<del>37</del>	<del>38</del>	<del>39</del>	<del>40</del>	<del>41</del>	<del>42</del>	<del>43</del>	<del>44</del>	<del>45</del>
IB	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45

STATION	1	6	11	16	21	26	31	36	41	46	51	56	61	66
CB	2	7	12	17	22	27	32	37	42	47	52	57	62	67
	3	8	13	18	23	28	33	38	43	48	53	58	63	68
	4	9	14	19	24	29	34	39	44	49	54	59	64	69
	5	10	15	20	25	30	35	40	45	50	55	60	65	70

STATION	<del>1</del>	<del>2</del>	<del>3</del>	<del>4</del>	<del>5</del>	<del>6</del>	<del>7</del>	<del>8</del>	<del>9</del>	<del>10</del>	<del>11</del>	<del>12</del>	<del>13</del>	<del>14</del>	<del>15</del>	<del>16</del>	<del>17</del>	<del>18</del>	<del>19</del>	<del>20</del>	<del>21</del>	<del>22</del>	<del>23</del>	<del>24</del>	<del>25</del>	<del>26</del>	<del>27</del>	<del>28</del>	<del>29</del>	<del>30</del>	<del>31</del>	<del>32</del>	<del>33</del>	<del>34</del>	<del>35</del>	<del>36</del>	<del>37</del>	<del>38</del>	<del>39</del>	<del>40</del>	<del>41</del>	<del>42</del>	<del>43</del>	<del>44</del>	<del>45</del>
DB	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45

STATION	1	6	11	16	21	26	31	36	41	46	51	56	61	66
	2	7	12	17	22	27	32	37	42	47	52	57	62	67
	3	8	13	18	23	28	33	38	43	48	53	58	63	68
	4	9	14	19	24	29	34	39	44	49	54	59	64	69
	5	10	15	20	25	30	35	40	45	50	55	60	65	70

STATION	1	6	11	16	21	26	31	36	41	46	51	56	61	66
	2	7	12	17	22	27	32	37	42	47	52	57	62	67
	3	8	13	18	23	28	33	38	43	48	53	58	63	68
	4	9	14	19	24	29	34	39	44	49	54	59	64	69
	5	10	15	20	25	30	35	40	45	50	55	60	65	70

① Paddy to DCA

DASH SHIPMENTS

WGT	DEST	CONN. FLTS	WAYBILL	REMARKS
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				
31				

1288

REMARKS - (LIST LIVE ANIMALS, WHEEL CHAIRS, DRY ICE, ETC., BY DESTINATION)

Station PNS

FLT 1288 Date 7-6

Build-Up Area ID ABM (14KT 100)

BUILD-UP AREA MANIFEST  
THREE-PART

ABM \_\_\_\_\_ GATE \_\_\_\_\_

AFA \_\_\_\_\_ DEPT. TIME \_\_\_\_\_

DEST / <u>ATL</u>		AGENT			
AIR WAYBILL NUMBER	/	PIECES	L or K	WEIGHT	
‡ 7395 4545	/	P 1	L	426	@
‡ 7593 4560	/	P 1	L	270	@
‡	/	P			@
‡	/	P			@
‡	/	P			@
‡	/	P			@
‡	/	P			@
‡	/	P			@
‡	/	P			@
‡	/	P			@
‡	/	P			@
‡	/	P			@
‡ T	/	2		696	
TOTAL			ENTER	TOTAL	

DEST / <u>ATL</u>		AGENT			
AIR WAYBILL NUMBER	/	PIECES	L or K	WEIGHT	
‡	/	P			@
‡	/	P			@
‡	/	P			@
‡	/	P			@
‡	/	P			@
‡	/	P			@
‡	/	P			@
‡	/	P			@
‡	/	P			@
‡	/	P			@
‡	/	P			@
‡	/	P			@
‡	/	P			@
‡	/	P			@
‡	/	P			@
‡	/	P			@
‡	/	P			@
‡ T	/				
TOTAL			ENTER	TOTAL	



2 696  
PIECES WEIGHT  
MANIFEST TOTAL

0412-80175  
MANIFEST 12-95  
SP 970, 3630

Weight Indicator  
L = pounds  
K = Kilograms

Format Symbols  
‡ - End item key  
@ - Carriage return key

15



FLIGHT/DATE 1288 6 JULY 96

BAGGAGE MANIFEST

Form 0412-80099  
MANIFEST 12-80



STATION PS

137

STATION	<del>1</del>	<del>2</del>	<del>3</del>	<del>4</del>	<del>5</del>	<del>6</del>	<del>7</del>	<del>8</del>	<del>9</del>	<del>10</del>	<del>11</del>	<del>12</del>	<del>13</del>	<del>14</del>	<del>15</del>	<del>16</del>	<del>17</del>	<del>18</del>	<del>19</del>	<del>20</del>	<del>21</del>	<del>22</del>	<del>23</del>	<del>24</del>	<del>25</del>	<del>26</del>	<del>27</del>	<del>28</del>	<del>29</del>	<del>30</del>	<del>31</del>	<del>32</del>	<del>33</del>	<del>34</del>	<del>35</del>	<del>36</del>	<del>37</del>	<del>38</del>	<del>39</del>	<del>40</del>	<del>41</del>	<del>42</del>	<del>43</del>	<del>44</del>	<del>45</del>	<del>46</del>	<del>47</del>	<del>48</del>	<del>49</del>	<del>50</del>
---------	--------------	--------------	--------------	--------------	--------------	--------------	--------------	--------------	--------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------

STATION	<del>1</del>	<del>2</del>	<del>3</del>	<del>4</del>	<del>5</del>	<del>6</del>	<del>7</del>	<del>8</del>	<del>9</del>	<del>10</del>	<del>11</del>	<del>12</del>	<del>13</del>	<del>14</del>	<del>15</del>	<del>16</del>	<del>17</del>	<del>18</del>	<del>19</del>	<del>20</del>	<del>21</del>	<del>22</del>	<del>23</del>	<del>24</del>	<del>25</del>	<del>26</del>	<del>27</del>	<del>28</del>	<del>29</del>	<del>30</del>	<del>31</del>	<del>32</del>	<del>33</del>	<del>34</del>	<del>35</del>	<del>36</del>	<del>37</del>	<del>38</del>	<del>39</del>	<del>40</del>	<del>41</del>	<del>42</del>	<del>43</del>	<del>44</del>	<del>45</del>	<del>46</del>	<del>47</del>	<del>48</del>	<del>49</del>	<del>50</del>
---------	--------------	--------------	--------------	--------------	--------------	--------------	--------------	--------------	--------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------

STATION	1	6	11	16	21	26	31	36	41	46	51	56	61	66
	2	7	12	17	22	27	32	37	42	47	52	57	62	67
	3	8	13	18	23	28	33	38	43	48	53	58	63	68
	4	9	14	19	24	29	34	39	44	49	54	59	64	69
	5	10	15	20	25	30	35	40	45	50	55	60	65	70

STATION	1	6	11	16	21	26	31	36	41	46	51	56	61	66
	2	7	12	17	22	27	32	37	42	47	52	57	62	67
	3	8	13	18	23	28	33	38	43	48	53	58	63	68
	4	9	14	19	24	29	34	39	44	49	54	59	64	69
	5	10	15	20	25	30	35	40	45	50	55	60	65	70

STATION	<del>1</del>	<del>2</del>	<del>3</del>	<del>4</del>	<del>5</del>	<del>6</del>	<del>7</del>	<del>8</del>	<del>9</del>	<del>10</del>	<del>11</del>	<del>12</del>	<del>13</del>	<del>14</del>	<del>15</del>	<del>16</del>	<del>17</del>	<del>18</del>	<del>19</del>	<del>20</del>	<del>21</del>	<del>22</del>	<del>23</del>	<del>24</del>	<del>25</del>	<del>26</del>	<del>27</del>	<del>28</del>	<del>29</del>	<del>30</del>	<del>31</del>	<del>32</del>	<del>33</del>	<del>34</del>	<del>35</del>	<del>36</del>	<del>37</del>	<del>38</del>	<del>39</del>	<del>40</del>	<del>41</del>	<del>42</del>	<del>43</del>	<del>44</del>	<del>45</del>	<del>46</del>	<del>47</del>	<del>48</del>	<del>49</del>	<del>50</del>
---------	--------------	--------------	--------------	--------------	--------------	--------------	--------------	--------------	--------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------

1 PUPPY TO DCA

DASH SHIPMENTS

	WGT	DEST	CONN. FLTS	WAYBILL	REMARKS
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
31					

1288

STATION	1	6	11	16	21	26	31	36	41	46	51	56	61	66
	2	7	12	17	22	27	32	37	42	47	52	57	62	67
	3	8	13	18	23	28	33	38	43	48	53	58	63	68
	4	9	14	19	24	29	34	39	44	49	54	59	64	69
	5	10	15	20	25	30	35	40	45	50	55	60	65	70

STATION	<del>1</del>	<del>2</del>	<del>3</del>	<del>4</del>	<del>5</del>	<del>6</del>	<del>7</del>	<del>8</del>	<del>9</del>	<del>10</del>	<del>11</del>	<del>12</del>	<del>13</del>	<del>14</del>	<del>15</del>	<del>16</del>	<del>17</del>	<del>18</del>	<del>19</del>	<del>20</del>	<del>21</del>	<del>22</del>	<del>23</del>	<del>24</del>	<del>25</del>	<del>26</del>	<del>27</del>	<del>28</del>	<del>29</del>	<del>30</del>	<del>31</del>	<del>32</del>	<del>33</del>	<del>34</del>	<del>35</del>	<del>36</del>	<del>37</del>	<del>38</del>	<del>39</del>	<del>40</del>	<del>41</del>	<del>42</del>	<del>43</del>	<del>44</del>	<del>45</del>	<del>46</del>	<del>47</del>	<del>48</del>	<del>49</del>	<del>50</del>
---------	--------------	--------------	--------------	--------------	--------------	--------------	--------------	--------------	--------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------

STATION	1	6	11	16	21	26	31	36	41	46	51	56	61	66
	2	7	12	17	22	27	32	37	42	47	52	57	62	67
	3	8	13	18	23	28	33	38	43	48	53	58	63	68
	4	9	14	19	24	29	34	39	44	49	54	59	64	69
	5	10	15	20	25	30	35	40	45	50	55	60	65	70

STATION	1	6	11	16	21	26	31	36	41	46	51	56	61	66
	2	7	12	17	22	27	32	37	42	47	52	57	62	67
	3	8	13	18	23	28	33	38	43	48	53	58	63	68
	4	9	14	19	24	29	34	39	44	49	54	59	64	69
	5	10	15	20	25	30	35	40	45	50	55	60	65	70

REMARKS -- (LIST LIVE ANIMALS, WHEEL CHAIRS, DRY ICE, ETC., BY DESTINATION)