

INM 6.0c ECHO REPORT 17-May-07 13:21

STUDY: N:\MA\OFICINA_RUIDO\MAPAS ESTRATEGICOS\SIMULACIONES\BILBAO\LEBB_MER\

Created : 25-Jan-07 17:29

Units : Metric

Airport : LEBB

Description :

Aeropuerto de Bilbao

Isófonas para la elaboración de los Mapas Estratégicos de Ruido

ENE-2007

Cero en la cabecera 12

CASE: LDEN

Created : 25-Jan-07 17:39

Description : Métrica Lden (24h)

STUDY AIRPORT

Latitude : 43.307437 deg

Longitude : -2.923637 deg

Elevation : 36.2 m

Temperature : 15.4 C

Pressure : 759.97 mm-Hg

AverageWind : 14.8 km/h

ChangeNPD : No

STUDY RUNWAYS

10

Latitude : 43.304429 deg

Longitude : -2.935719 deg

Xcoord : -0.9803 km

Ycoord : -0.3341 km

Elevation : 35.5 m

OtherEnd : 28

Length : 1999 m

Gradient : 0.19 %

RwyWind : 14.8 km/h

TkoThresh : 0 m

AppThresh : 0 m

12

Latitude : 43.307437 deg

Longitude : -2.923637 deg

Xcoord : 0.0000 km

Ycoord : 0.0000 km

Elevation : 36.2 m

OtherEnd : 30

Length : 2600 m

Gradient : 0.01 %

RwyWind : 14.8 km/h

TkoThresh : 0 m

AppThresh : 0 m

28

Latitude : 43.302365 deg

Longitude : -2.911236 deg

Xcoord : 1.0062 km

Ycoord : -0.5634 km

Elevation : 39.3 m

OtherEnd : 10

Length : 1999 m

Gradient : -0.19 %

RwyWind : 14.8 km/h

TkoThresh : 0 m

AppThresh : 0 m

30

Latitude : 43.296956 deg

Longitude : -2.894985 deg

Xcoord : 2.3250 km

Ycoord : -1.1640 km

Elevation : 36.5 m

OtherEnd : 12

Length : 2600 m

Gradient : -0.01 %
 RwyWind : 14.8 km/h
 TkoThresh : 0 m
 AppThresh : 460 m

0	39.00	Points	0.0
1	24.00	Points	0.0
2	24.00	Points	0.0
3	6.50	Points	0.0
4	6.50	Points	0.0

STUDY TRACKS

RwyId-OpType-TrkId			
Sub	PctSub	TrkType	Delta(m)
10-APP-01			
0	100.00	Points	0.0
10-DEP-01			
0	39.00	Points	0.0
1	24.00	Points	0.0
2	24.00	Points	0.0
3	6.50	Points	0.0
4	6.50	Points	0.0
12-APP-01			
0	100.00	Points	0.0
12-DEP-01			
0	39.00	Points	0.0
1	24.00	Points	0.0
2	24.00	Points	0.0
3	6.50	Points	0.0
4	6.50	Points	0.0
28-APP-01			
0	100.00	Points	0.0
28-DEP-01			
0	39.00	Points	0.0
1	24.00	Points	0.0
2	24.00	Points	0.0
3	6.50	Points	0.0
4	6.50	Points	0.0
30-APP-01			
0	100.00	Points	0.0
30-DEP-01			

STUDY TRACK DETAIL

RwyId-OpType-TrkId-SubTrk			
SegType	Dist/Angle	Radius(km)	
10-APP-01-0			
1	Points -14.3421 km	1.2086	
2	Points -0.9801 km	-0.3341	
10-DEP-01-0			
1	Points -0.9801 km	-0.3341	
2	Points 1.0062 km	-0.5634	
3	Points 1.7020 km	-0.6438	
4	Points 5.5367 km	-1.0866	
5	Points 6.6691 km	-1.3666	
6	Points 8.0049 km	-1.8289	
7	Points 9.3152 km	-2.6504	
8	Points 10.5742 km	-3.8060	
9	Points 11.4326 km	-4.8504	
10	Points 12.1776 km	-5.5693	
11	Points 13.1035 km	-6.1577	
12	Points 14.4560 km	-6.7318	
10-DEP-01-1			
1	Points -0.9801 km	-0.3339	
2	Points 1.0062 km	-0.5632	
3	Points 1.7020 km	-0.6438	
4	Points 5.5743 km	-0.8788	
5	Points 6.7470 km	-1.1029	
6	Points 8.1573 km	-1.5107	
7	Points 9.5808 km	-2.3020	
8	Points 10.9601 km	-3.4406	
9	Points 11.8782 km	-4.4389	

10 Points	12.5877 km	-5.0484	6 Points	7.7001 km	-2.4652
11 Points	13.4398 km	-5.5175	7 Points	8.7840 km	-3.3471
12 Points	14.7701 km	-5.9920	8 Points	9.8023 km	-4.5368
10-DEP-01-2			9 Points		
1 Points	-0.9801 km	-0.3343	10 Points	10.5414 km	-5.6734
2 Points	1.0062 km	-0.5636	11 Points	11.3574 km	-6.6113
3 Points	1.7020 km	-0.6438	12 Points	12.4306 km	-7.4382
4 Points	5.4991 km	-1.2944	12-APP-01-0		
5 Points	6.5911 km	-1.6303	1 Points	-13.2479 km	6.6339
6 Points	7.8525 km	-2.1470	2 Points	0.0000 km	0.0000
7 Points	9.0496 km	-2.9988	12-DEP-01-0		
8 Points	10.1882 km	-4.1714	1 Points	0.0000 km	0.0000
9 Points	10.9870 km	-5.2619	2 Points	2.3250 km	-1.1638
10 Points	11.7676 km	-6.0903	3 Points	2.4135 km	-1.2082
11 Points	12.7671 km	-6.7980	4 Points	11.7878 km	-5.9008
12 Points	14.1419 km	-7.4717	12-DEP-01-1		
10-DEP-01-3			1 Points	0.0000 km	0.0002
1 Points	-0.9801 km	-0.3337	2 Points	2.3250 km	-1.1636
2 Points	1.0062 km	-0.5630	3 Points	2.4135 km	-1.2082
3 Points	1.7020 km	-0.6438	4 Points	11.9163 km	-5.6442
4 Points	5.6117 km	-0.6710	12-DEP-01-2		
5 Points	6.8252 km	-0.8391	1 Points	0.0000 km	-0.0002
6 Points	8.3097 km	-1.1925	2 Points	2.3250 km	-1.1640
7 Points	9.8463 km	-1.9537	3 Points	2.4135 km	-1.2082
8 Points	11.3461 km	-3.0752	4 Points	11.6593 km	-6.1575
9 Points	12.3238 km	-4.0274	12-DEP-01-3		
10 Points	12.9979 km	-4.5274	1 Points	0.0002 km	0.0004
11 Points	13.7763 km	-4.8772	2 Points	2.3252 km	-1.1634
12 Points	15.0842 km	-5.2521	3 Points	2.4135 km	-1.2082
10-DEP-01-4			4 Points	12.0449 km	-5.3875
1 Points	-0.9801 km	-0.3345	12-DEP-01-4		
2 Points	1.0062 km	-0.5637	1 Points	-0.0002 km	-0.0004
3 Points	1.7020 km	-0.6438	2 Points	2.3248 km	-1.1642
4 Points	5.4617 km	-1.5022	3 Points	2.4135 km	-1.2082
5 Points	6.5129 km	-1.8940	4 Points	11.5307 km	-6.4142

28-APP-01-0				14 Points	-11.4198 km	7.1346
1 Points	13.4431 km	-1.9992		15 Points	-11.7024 km	7.7815
2 Points	1.0062 km	-0.5634		16 Points	-12.1293 km	8.3236
28-DEP-01-0				17 Points	-12.7260 km	8.8915
1 Points	1.0062 km	-0.5634	28-DEP-01-2			
2 Points	-0.9801 km	-0.3341	1 Points	1.0062 km	-0.5632	
3 Points	-1.6761 km	-0.2537	2 Points	-0.9801 km	-0.3339	
4 Points	-4.4955 km	0.0719	3 Points	-1.6761 km	-0.2537	
5 Points	-5.6179 km	0.0883	4 Points	-4.4855 km	0.2261	
6 Points	-6.6942 km	0.2747	5 Points	-5.5977 km	0.3041	
7 Points	-7.7708 km	0.7712	6 Points	-6.6120 km	0.5389	
8 Points	-8.5574 km	1.4125	7 Points	-7.5899 km	1.0610	
9 Points	-9.1991 km	2.1574	8 Points	-8.2803 km	1.6972	
10 Points	-9.6752 km	3.0056	9 Points	-8.8290 km	2.4167	
11 Points	-10.2653 km	4.2990	10 Points	-9.2252 km	3.2341	
12 Points	-10.4929 km	5.4162	11 Points	-9.7104 km	4.4794	
13 Points	-10.4723 km	6.4922	12 Points	-9.8491 km	5.4749	
14 Points	-10.6999 km	7.3611	13 Points	-9.7726 km	6.5755	
15 Points	-10.9898 km	8.1473	14 Points	-9.9801 km	7.5876	
16 Points	-11.4659 km	8.8507	15 Points	-10.2771 km	8.5131	
17 Points	-12.0687 km	9.5009	16 Points	-10.8025 km	9.3778	
28-DEP-01-1			17 Points	-11.4115 km	10.1104	
1 Points	1.0062 km	-0.5636	28-DEP-01-3			
2 Points	-0.9801 km	-0.3343	1 Points	1.0062 km	-0.5637	
3 Points	-1.6761 km	-0.2537	2 Points	-0.9801 km	-0.3345	
4 Points	-4.5055 km	-0.0824	3 Points	-1.6761 km	-0.2537	
5 Points	-5.6380 km	-0.1274	4 Points	-4.5155 km	-0.2367	
6 Points	-6.7765 km	0.0104	5 Points	-5.6580 km	-0.3432	
7 Points	-7.9517 km	0.4813	6 Points	-6.8589 km	-0.2541	
8 Points	-8.8344 km	1.1279	7 Points	-8.1327 km	0.1915	
9 Points	-9.5691 km	1.8981	8 Points	-9.1115 km	0.8432	
10 Points	-10.1253 km	2.7771	9 Points	-9.9391 km	1.6386	
11 Points	-10.8201 km	4.1187	10 Points	-10.5753 km	2.5487	
12 Points	-11.1366 km	5.3575	11 Points	-11.3748 km	3.9381	
13 Points	-11.1720 km	6.4088	12 Points	-11.7802 km	5.2988	

13 Points	-11.8719 km	6.3255	3 Points	-0.0895 km	0.0448
14 Points	-12.1399 km	6.9083	4 Points	-2.7339 km	1.2818
15 Points	-12.4151 km	7.4160	5 Points	-11.9239 km	8.8376
16 Points	-12.7927 km	7.7965	30-DEP-01-2		
17 Points	-13.3835 km	8.2821	1 Points	2.3250 km	-1.1636
28-DEP-01-4			2 Points	0.0000 km	0.0002
1 Points	1.0062 km	-0.5630	3 Points	-0.0895 km	0.0448
2 Points	-0.9801 km	-0.3337	4 Points	-2.6454 km	1.4140
3 Points	-1.6761 km	-0.2537	5 Points	-11.3917 km	9.4498
4 Points	-4.4755 km	0.3804	30-DEP-01-3		
5 Points	-5.5777 km	0.5199	1 Points	2.3248 km	-1.1642
6 Points	-6.5296 km	0.8034	2 Points	-0.0002 km	-0.0004
7 Points	-7.4089 km	1.3508	3 Points	-0.0895 km	0.0448
8 Points	-8.0032 km	1.9818	4 Points	-2.7784 km	1.2155
9 Points	-8.4590 km	2.6761	5 Points	-12.1900 km	8.5314
10 Points	-8.7751 km	3.4625	30-DEP-01-4		
11 Points	-9.1557 km	4.6600	1 Points	2.3252 km	-1.1634
12 Points	-9.2056 km	5.5336	2 Points	0.0002 km	0.0004
13 Points	-9.0728 km	6.6589	3 Points	-0.0895 km	0.0448
14 Points	-9.2600 km	7.8140	4 Points	-2.6009 km	1.4803
15 Points	-9.5645 km	8.8787	5 Points	-11.1255 km	9.7560
16 Points	-10.1391 km	9.9049			
17 Points	-10.7540 km	10.7197	STUDY AIRCRAFT		
30-APP-01-0			707	Standard data	
1 Points	11.7878 km	-5.9008	707120	Standard data	
2 Points	2.3250 km	-1.1638	707320	Standard data	
30-DEP-01-0			707QN	Standard data	
1 Points	2.3250 km	-1.1638	717200	Standard data	
2 Points	0.0000 km	0.0000	720	Standard data	
3 Points	-0.0895 km	0.0448	720B	Standard data	
4 Points	-2.6897 km	1.3479	727100	Standard data	
5 Points	-11.6578 km	9.1437	727200	Standard data	
30-DEP-01-1			727D15	Standard data	
1 Points	2.3250 km	-1.1640	727D17	Standard data	
2 Points	0.0000 km	-0.0002	727EM1	Standard data	

727EM2	Standard data	A320	Standard data
727Q15	Standard data	A32023	Standard data
727Q7	Standard data	A330	Standard data
727Q9	Standard data	A340	Standard data
727QF	Standard data	A37	Standard data
737	Standard data	A4C	Standard data
737300	Standard data	A5C	Standard data
7373B2	Standard data	A6A	Standard data
737400	Standard data	A7D	Standard data
737500	Standard data	A7E	Standard data
737700	Standard data	AV8A	Standard data
737D17	Standard data	AV8B	Standard data
737N17	Standard data	B1	Standard data
737N9	Standard data	B2A	Standard data
737QN	Standard data	B52BDE	Standard data
747100	Standard data	B52G	Standard data
74710Q	Standard data	B52H	Standard data
747200	Standard data	B57E	Standard data
74720A	Standard data	BAC111	Standard data
74720B	Standard data	BAE146	Standard data
747400	Standard data	BAE300	Standard data
747SP	Standard data	BEC58P	Standard data
757PW	Standard data	BUCCAN	Standard data
757RR	Standard data	C-130E	Standard data
767300	Standard data	C-20	Standard data
767400	Standard data	C118	Standard data
767CF6	Standard data	C119L	Standard data
767JT9	Standard data	C12	Standard data
777200	Standard data	C121	Standard data
777300	Standard data	C123K	Standard data
A10A	Standard data	C130	Standard data
A3	Standard data	C130AD	Standard data
A300	Standard data	C130E	Standard data
A310	Standard data	C130HP	Standard data
A319	Standard data	C131B	Standard data

C135A	Standard data	DC860	Standard data
C135B	Standard data	DC870	Standard data
C137	Standard data	DC8QN	Standard data
C140	Standard data	DC910	Standard data
C141A	Standard data	DC930	Standard data
C17	Standard data	DC93LW	Standard data
C18A	Standard data	DC950	Standard data
C21A	Standard data	DC95HW	Standard data
C22	Standard data	DC9Q7	Standard data
C23	Standard data	DC9Q9	Standard data
C5A	Standard data	DHC6	Standard data
C7A	Standard data	DHC6QP	Standard data
C9A	Standard data	DHC7	Standard data
CANBER	Standard data	DHC8	Standard data
CIT3	Standard data	DHC830	Standard data
CL600	Standard data	DOMIN	Standard data
CL601	Standard data	E3A	Standard data
CNA172	Standard data	E4	Standard data
CNA206	Standard data	E8A	Standard data
CNA20T	Standard data	EA6B	Standard data
CNA441	Standard data	EMB120	Standard data
CNA500	Standard data	EMB145	Standard data
CNA55B	Standard data	EMB14L	Standard data
CNA750	Standard data	F-111F	Standard data
COMJET	Standard data	F-18	Standard data
COMSEP	Standard data	F-4C	Standard data
CONCRD	Standard data	F10062	Standard data
CVR580	Standard data	F10065	Standard data
DC1010	Standard data	F100D	Standard data
DC1030	Standard data	F101B	Standard data
DC1040	Standard data	F102	Standard data
DC3	Standard data	F104G	Standard data
DC6	Standard data	F105D	Standard data
DC820	Standard data	F106	Standard data
DC850	Standard data	F111AE	Standard data

F111D	Standard data	KC10A	Standard data
F117A	Standard data	KC135	Standard data
F14A	Standard data	KC135B	Standard data
F14B	Standard data	KC135R	Standard data
F15A	Standard data	KC97L	Standard data
F15E20	Standard data	L1011	Standard data
F15E29	Standard data	L10115	Standard data
F16A	Standard data	L188	Standard data
F16GE	Standard data	LEAR25	Standard data
F16PW0	Standard data	LEAR35	Standard data
F16PW9	Standard data	LIGHTN	Standard data
F18EF	Standard data	MD11GE	Standard data
F28MK2	Standard data	MD11PW	Standard data
F28MK4	Standard data	MD81	Standard data
F4C	Standard data	MD82	Standard data
F5AB	Standard data	MD83	Standard data
F5E	Standard data	MD9025	Standard data
F8	Standard data	MD9028	Standard data
FAL20	Standard data	MU3001	Standard data
FB111A	Standard data	NIMROD	Standard data
GASEPF	Standard data	OV10A	Standard data
GASEPV	Standard data	P3A	Standard data
GII	Standard data	P3C	Standard data
GIIB	Standard data	PHANTO	Standard data
GIV	Standard data	PROVOS	Standard data
GV	Standard data	S3A&B	Standard data
HARRIE	Standard data	SABR80	Standard data
HAWK	Standard data	SD330	Standard data
HS748	Standard data	SF340	Standard data
HS748A	Standard data	SR71	Standard data
HUNTER	Standard data	T-2C	Standard data
IA1125	Standard data	T-38A	Standard data
JAGUAR	Standard data	T-43A	Standard data
JPATS	Standard data	T1	Standard data
KC-135	Standard data	T29	Standard data

T3	Standard data	727RR1	727-100 with RR TAY 650 eng.
T33A	Standard data	727EM1	100.0 %
T34	Standard data	727RR2	727-200 with RR TAY 650 eng.
T37B	Standard data	727EM2	100.0 %
T39A	Standard data	73717A	737-100 w/JT8D-7A
T41	Standard data	737QN	100.0 %
T42	Standard data	737215	737-200 ADV w/JT15QN
T44	Standard data	737D17	100.0 %
T45	Standard data	737222	Boeing 737-222
TORNAD	Standard data	737QN	100.0 %
TR1	Standard data	747122	Boeing 747-122
U2	Standard data	74720A	100.0 %
U21	Standard data	7472G2	747-200 w/JT9D-7R4G2
U4B	Standard data	747200	100.0 %
U6	Standard data	7473G2	747-300 w/JT9D-7R4G2
U8F	Standard data	74720B	100.0 %
VC10	Standard data	747R21	747 w/CF6 or RB211 engines
VICTOR	Standard data	74720B	100.0 %
VULCAN	Standard data	A321	Airbus A-321
YC14	Standard data	A320	100.0 %
YC15	Standard data	AA5A	Grumman Cheetah (AA5A)
		GASEPF	100.0 %
STUDY SUBSTITUTION AIRCRAFT			
Name	Description	AC50	Commander 500
Acft	Percent	BEC58P	100.0 %
7073SH	707-300 ADV/C w/Shannon H/K	AC56	Commander 560
707QN	100.0 %	BEC58P	100.0 %
707C56	707 w/CFM56	AC69	Jet Prop Commander
DC870	100.0 %	CNA441	100.0 %
717	BOEING 717-200 (MD-95) 114000 LBS	AC95	Aero Commander 695
717200	100.0 %	CNA441	100.0 %
717ER	BOEING 717-200 (MD-95) 121000 LBS	AEROJT	Aero Commander Jet Commander
717200	100.0 %	LEAR25	100.0 %
720TJ	B720 Turbojet	AN124	Antonov-124
DC820	100.0 %	74720B	100.0 %
		AN26	Antonov-26

CVR580 100.0 %	BEC45 Beechcraft Model 45 Mentor (T34A & T34B)
AN74TK Antonov-74	GASEPV 100.0 %
DC9Q9 100.0 %	BEC50 Beechcraft Model 50 Twin Bonanza
ATR42 Avions de Transport Regional ATR-42	BEC58P 100.0 %
DHC8 100.0 %	BEC55 Beechcraft Model 55 Barron
ATR72 Avions de Transport Regional ATR-72	BEC58P 100.0 %
HS748A 100.0 %	BEC58 Beechcraft Model 58 Barron
BAEATP British Aerospace Advanced Turboprop ATP	BEC58P 100.0 %
HS748A 100.0 %	BEC60 Beechcraft Model 60 Duke
BAEJ31 British Aerospace BAe Jetsream 31	BEC58P 100.0 %
DHC6 100.0 %	BEC65 Beechcraft Model 65 Queen Air
BAEJ41 British Aerospace Bae Jetstream 41	BEC58P 100.0 %
SF340 100.0 %	BEC76 Beechcraft Model 76 Duchess
BEC100 Beech King Air 100	BEC58P 100.0 %
CNA441 100.0 %	BEC80 Beechcraft Model Queen Air 80 series
BEC18 Beechcraft Model 18	BEC58P 100.0 %
BEC58P 100.0 %	BEC90 Beech King Air C90
BEC190 Beech 1900	CNA441 100.0 %
DHC6 100.0 %	BEC95 Beechcraft Model 95 Travel Air
BEC200 Beech Super King Air 200	BEC58P 100.0 %
DHC6 100.0 %	BEC99 Beech Airliner Model 99
BEC20A Beech Starship 2000	DHC6 100.0 %
SD330 100.0 %	BEC9F Beech F90 Super King Air
BEC23 Beechcraft Model 23 Musketeer	CNA441 100.0 %
GASEPF 100.0 %	BECM35 Beechcraft Model M35 Bonanza
BEC24 Beechcraft Model 24 Sierra	GASEPV 100.0 %
GASEPF 100.0 %	BL14 Bellanca Cruisair
BEC300 Beech Super King Air 300	GASEPF 100.0 %
DHC6 100.0 %	BL26 Bellanca Super Viking Model 17-30A
BEC30B Beech Super King Air 300B	GASEPF 100.0 %
DHC6 100.0 %	BLCH10 Bellanca Champion Citabria CH10
BEC33 Beechcraft Model 33 Debonair/Bonanza	GASEPF 100.0 %
GASEPV 100.0 %	BN2A Britten-Norman BN-2A Islander
BEC400 Beechcraft Beechjet 400	BEC58P 100.0 %
LEAR35 100.0 %	BN3 Britten-Norman BN-3 Nymph

GASEPF 100.0 %	CNA177 Cessna 177 Cardinal
C141 Lockheed C-141 Starlifter	CNA172 100.0 %
707320 100.0 %	CNA17B Cessna 177B or RG Cardinal
C17A Globemaster III C-17	GASEPV 100.0 %
DC870 100.0 %	CNA180 Cessna Skywagon
C20 US Military Gulfstream III	CNA206 100.0 %
GIIB 100.0 %	CNA182 Cessna 182 Skylane
C20A US Military Gulfstream III	CNA206 100.0 %
GIIB 100.0 %	CNA185 Cessna Skywagon
C26 Military Metro/Merlin	CNA206 100.0 %
DHC6 100.0 %	CNA205 Cessna 205 Super Skywagon
C45 Military Twin Beech 18	CNA206 100.0 %
BEC58P 100.0 %	CNA207 Cessna 207 Turbo Stationair
C5 Lockheed Galaxy	CNA20T 100.0 %
74720B 100.0 %	CNA208 Cessna 208 Caravan I
C8 US Army DHC-5 Buffalo	GASEPF 100.0 %
HS748A 100.0 %	CNA210 Cessna 210 Centurion/II
C9B Navy DC9-30 SkyTrain	CNA206 100.0 %
DC9Q9 100.0 %	CNA303 Cessna 303 Crusader
CA212 CASA C-212 Aviocar	BEC58P 100.0 %
DHC6 100.0 %	CNA305 Cessna 305/L-19 or O-1 Bird Dog
CAN235 CACA-Nurtanio CN-235 Airtech	GASEPF 100.0 %
SF340 100.0 %	CNA310 Cessna 310
CC138 Canadian Air Force DHC-6 Twin Otter	BEC58P 100.0 %
DHC6 100.0 %	CNA320 Cessna 320 Skynight
CL610 Canadair CL-610 Challenger E	BEC58P 100.0 %
CL601 100.0 %	CNA335 Cessna 335
CLREGJ Canadair Regional Jet	BEC58P 100.0 %
CL601 100.0 %	CNA336 Cessna 336 Skymaster
CNA150 Cessna 150	BEC58P 100.0 %
CNA172 100.0 %	CNA337 Cessna 337 Super Skymaster
CNA152 Cessna 152	BEC58P 100.0 %
CNA172 100.0 %	CNA340 Cessna 340
CNA170 Cessna 170	BEC58P 100.0 %
CNA172 100.0 %	CNA401 Cessna 401

BEC58P 100.0 %	CNV880 Convair 880
CNA402 Cessna 402	DC820 100.0 %
BEC58P 100.0 %	CNV990 Convair 990
CNA404 Cessna 404 Titan	707 100.0 %
BEC58P 100.0 %	CONSTE Lockheed Constellation
CNA414 Cessna 414 Chancellor	DC6 100.0 %
BEC58P 100.0 %	DALPHA Dassault Alpha Jet
CNA421 Cessna 421 Golden Eagle	FAL20 100.0 %
BEC58P 100.0 %	DBMERC Dassault Mercure
CNA425 Cessna 425 Corsair/Conquest I	737D17 100.0 %
CNA441 100.0 %	DC4 Douglas DC-4
CNA501 Cessna Citation I Single Pilot (SP)	DC6 100.0 %
CNA500 100.0 %	DC7 Douglas DC-7
CNA525 Cessna Citation Jet	DC6 100.0 %
CNA500 100.0 %	DC86BT DC8-62/63 w/Burbank Treatment
CNA550 Cessna Model 550 Citation II	DC8QN 100.0 %
MU3001 100.0 %	DC9317 DC930 w/JT8D-17 &15
CNA551 Cessna Citation II Single Pilot (SP)	DC9Q9 100.0 %
MU3001 100.0 %	DC937A DC930 w/JT8D-7 & 7A
CNA560 Cessna 560 Citation V	DC9Q9 100.0 %
MU3001 100.0 %	DC9411 DC940 w/JT8D-11
CNA650 Cessna 650 Citation VII	DC9Q9 100.0 %
CIT3 100.0 %	DHC2 De Havilland DHC-2 Beaver
CNACAR Cessna AGCARRYALL	GASEPV 100.0 %
GASEPV 100.0 %	DHC4 De Havilland DHC-4 Caribou
CNATRK Cessna AGTRUCK	DC3 100.0 %
GASEPV 100.0 %	DO228 Dornier-228
CNAWAG Cessna AGWAGON	DHC6 100.0 %
GASEPV 100.0 %	DO328 Dornier-328
CNV240 Convair 240	DHC8 100.0 %
DC3 100.0 %	EMB110 Embraer Bandeirante 110
CNV600 Convair 600	DHC6 100.0 %
HS748A 100.0 %	EMB135 Embraer EMB-135
CNV640 Convair 640	CL600 100.0 %
HS748A 100.0 %	F10 Douglas Skyknight

LEAR25 100.0 %	GULFCO Gulfstream Commander
F90 Beech Super King Air	CNA441 100.0 %
CNA441 100.0 %	HS125 Hawker-Siddeley 125
FAL10 Falcon 10	LEAR25 100.0 %
LEAR35 100.0 %	HS1258 Bae (Hawker-Siddeley) 125-800
FAL200 Falcon 200	LEAR35 100.0 %
LEAR35 100.0 %	IA1123 IAI 1123 Westwind
FAL20A Falcon 2000	LEAR25 100.0 %
CL600 100.0 %	IA1124 IAI 1124 Westwind
FH227 Fairchild-Hiller F-227 (Fokker 27 Elong)	IA1125 100.0 %
HS748A 100.0 %	IARAVA IAI Arava
FH27 Fairchild-Hiller F-27 (Fokker 27)	DHC6 100.0 %
HS748A 100.0 %	IL114 Ilyushin-114
FK27 Fokker F.27	CVR580 100.0 %
HS748A 100.0 %	IL62 Ilyushin-62
FK50 Fokker 50	707QN 100.0 %
DHC830 100.0 %	IL76 Ilyushin-76
FK70 Fokker 70	DC8QN 100.0 %
F10062 100.0 %	IL86 Ilyushin-86
G164AG GrummanAmerican Super Agcat	DC8QN 100.0 %
GASEPV 100.0 %	IL96 Ilyushin-96
GA7 Grumman Cougar (GA7)	747200 100.0 %
BEC58P 100.0 %	JST1TF Jetstar 1 Turbofan
GC1 Vought Swift	LEAR35 100.0 %
GASEPF 100.0 %	JST1TJ Jetstar 1 Turbojet
GROB15 Burkhart Grob G 115	LEAR25 100.0 %
GASEPF 100.0 %	JST2TF Lockheed Jetstar 2
GSPORT Great Lakes Sport	LEAR35 100.0 %
GASEPF 100.0 %	KC135E Boeing KC135 Stratotanker (Re-engined)
GULF1 Gulfstream I (G159)	707320 100.0 %
HS748A 100.0 %	LA42 Lake LA-4-200 Buccaneer
GULF2 Gulfstream II	GASEPV 100.0 %
GII 100.0 %	LEAR23 Learjet 23
GULF3 Gulfstream III	LEAR25 100.0 %
GIIB 100.0 %	LEAR24 Learjet 24

LEAR25 100.0 %	NRD262 Nord-Aviation NORD-262
LEAR31 Learjet 31	SD330 100.0 %
LEAR35 100.0 %	OV1 Grumman Mohawk OV-1
LEAR36 Learjet 36	DHC6 100.0 %
LEAR35 100.0 %	PA17 Piper PA-17 Vagabond
LEAR45 Learjet 45	GASEPF 100.0 %
LEAR35 100.0 %	PA18 Piper PA-18 Super Cub
LEAR55 Learjet 55	GASEPF 100.0 %
LEAR35 100.0 %	PA22CO Piper PA-22 Colt
LEAR60 Learjet 60	GASEPF 100.0 %
LEAR35 100.0 %	PA22TR Piper PA-22 Tripacer
LOADMS Ayres LoadMaster	GASEPF 100.0 %
SD330 100.0 %	PA23AP Piper PA-23-235 Apache
M20J Mooney 201LM and 205 (M20J)	BEC58P 100.0 %
GASEPV 100.0 %	PA23AZ Piper PA-23 Aztec
M20K Mooney 252TSE (M20K)	BEC58P 100.0 %
GASEPV 100.0 %	PA24 Piper PA-24 Comanche
M20L Mooney Pegasus (M20L)	GASEPV 100.0 %
GASEPV 100.0 %	PA25 Piper PA-25 Pawnee
MB339C Aermacchi M.B. 339-C	GASEPV 100.0 %
A7D 100.0 %	PA28AR Piper PA-28-181 Archer II
MD80 McDonnell-Douglas MD80	GASEPF 100.0 %
MD81 100.0 %	PA28C2 Piper PA-28-235E Cherokee 235E
MD87 McDonnell-Douglas MD87	GASEPV 100.0 %
MD81 100.0 %	PA28CA Piper PA-28R-200 Cherokee Arrow II
MD88 McDonnell-Douglas MD88	GASEPV 100.0 %
MD83 100.0 %	PA28CC Piper PA-28-180 Cherokee Challenger
MD8819 MD88 w/JT8D-119	GASEPF 100.0 %
MD81 100.0 %	PA28CH Piper PA-28-140 Cherokee 140
MU2 Mitsubishi MU-2	GASEPF 100.0 %
DHC6 100.0 %	PA28DK Piper PA-28-236 Dakota
MU300 Mitsubishi Diamond MU-300	GASEPV 100.0 %
CNA500 100.0 %	PA28WA Piper PA-28-161 Warrior II
N24 Gov. Aircraft Factories N24	GASEPF 100.0 %
CNA441 100.0 %	PA30 Piper PA-30 Twin Comanche

BEC58P 100.0 %
 PA31 Piper PA-31 Navajo
 BEC58P 100.0 %
 PA31CH Piper PA-31-350 Chieftain
 BEC58P 100.0 %
 PA31T Piper PA-31T Cheyenne
 CNA441 100.0 %
 PA32C6 Piper PA-32 Cherokee Six
 GASEPV 100.0 %
 PA32LA Piper PA-32R-300 Lance
 GASEPV 100.0 %
 PA32SG Piper PA-32 Saratoga
 GASEPV 100.0 %
 PA34 Piper PA-34 Seneca
 BEC58P 100.0 %
 PA36 Piper 36 Brave
 BEC58P 100.0 %
 PA38 Piper PA-38-112 Tomahawk
 GASEPF 100.0 %
 PA39 Piper PA-39 Twin Comanche C/R
 BEC58P 100.0 %
 PA42 Piper PA-42 Cheyenne III
 CNA441 100.0 %
 PA44 Piper 44 Seminole
 BEC58P 100.0 %
 PA46 Piper PA-46 Malibu
 GASEPV 100.0 %
 PA60 Piper Aerostar Model 600/700
 BEC58P 100.0 %
 PA61 Piper PA-61 Aerostar Model 601
 BEC58P 100.0 %
 PC6 Pilatus PC-6
 GASEPV 100.0 %
 PITTS1 Pitts S-1 Special
 GASEPF 100.0 %

RJ70 RJ70
 BAE146 100.0 %
 RWCM12 Rockwell Commander 112 (Alpine)
 GASEPF 100.0 %
 RWCM14 Rockwell Commander 114 (Gram Turismo)
 GASEPV 100.0 %
 RWCM50 Rockwell Shrike Commander 500S
 BEC58P 100.0 %
 RWCM69 Rockwell Turbo Commander 690
 CNA441 100.0 %
 RWCMTH Rockwell Thrust Commander (SR2)
 GASEPV 100.0 %
 S2 Grumman S-2 Tracker
 DC3 100.0 %
 S212 Siai Marchetti S212
 CNA500 100.0 %
 SA226 Swearingen Metro II
 DHC6 100.0 %
 SA227 Swearingen Metro III
 DHC6 100.0 %
 SAAB20 SAAB 2000
 HS748A 100.0 %
 SABR40 Sabreliner 40
 LEAR25 100.0 %
 SABR60 Sabreliner 60
 LEAR25 100.0 %
 SABR65 Sabreliner 65
 LEAR35 100.0 %
 SABR70 Sabreliner 70
 LEAR25 100.0 %
 SABR75 Sabreliner 75
 LEAR25 100.0 %
 SAMER2 Swearingen Merlin II
 CNA441 100.0 %
 SAMER3 Swearingen Merlin III

CNA441 100.0 %
 SAMER4 Swearingen Merlin IV
 DHC6 100.0 %
 SD360 Shorts 360
 SD330 100.0 %
 SE210 Aerospatiale Caravelle
 737 100.0 %
 SF260M Siai Marchetti SF260M
 GASEPV 100.0 %
 SN600 Aerospatiale SN 600 Corvette
 CNA500 100.0 %
 T37 USAF Cessna T37 or 318
 LEAR25 100.0 %
 T38 USAF Northrop T38
 LEAR25 100.0 %
 T43A USAF 737-200
 737 100.0 %
 T47A US Navy Cessna Citation S/II
 CNA500 100.0 %
 TAYF19 Taylorcraft Sprintsman 100 (F19)
 GASEPF 100.0 %
 TED600 Ted Smith Aerostar 600
 BEC58P 100.0 %
 TU134 Tupolev-134
 DC930 100.0 %
 TU154 Tupolev-154
 727D17 100.0 %
 TU204 Tupolev-204
 757RR 100.0 %
 TU334 Tupolev-334
 F10065 100.0 %
 U3 USAF Cessna Model 310
 BEC58P 100.0 %
 UV18 US Military DHC-6 Twin Otter
 DHC6 100.0 %

VC10TF Vickers VC10 TurboFan
 707 100.0 %
 VC10TJ Vickers VC10 TurboJet
 DC820 100.0 %
 VC2 Vickers VC2 Viscount
 L188 100.0 %
 YAK42 Yakolev Yak-42
 727100 100.0 %
 YS11 Nihon Aeroplane (NAMC) YS-11
 HS748A 100.0 %
 YS11C Nihon Aeroplane (NAMC) YS-11 Cargo
 HS748A 100.0 %

USER-DEFINED NOISE CURVES

Type	Thrust	Op	200	400	630	1000	2000	4000	6300	10000	16000	25000
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USER-DEFINED METRICS

Name	Type	Family	Day	Eve	Night	10Log(T)
LDEN	Exposure	A-weighted	1.00	3.16	10.00	49.37
LDIA	Exposure	A-weighted	1.00	0.00	0.00	46.35
LNOCHE	Exposure	A-weighted	0.00	0.00	1.00	44.59
LTARDE	Exposure	A-weighted	0.00	1.00	0.00	41.58

USER-DEFINED PROFILE IDENTIFIERS

Op	Profile	Stg	Weight(kg)
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USER-DEFINED PROCEDURAL PROFILES

#	StepType	Flap	ThrType	Alt/Clm	Speed(kt)	Ang/Thr/Dis
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USER-DEFINED FIXED-POINT PROFILES

#	Dist(m)	Alt(m)	Spd(km/h)	Thrust	OpMode
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USER-DEFINED FLAP COEFFICIENTS

Acft	Flap	Op	Coeff-R	Coeff-C/D	Coeff-B
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USER-DEFINED JET THRUST COEFFICIENTS											737300	DEP	STANDARD	4	30	01	4	COM	0.0503	0.0181	0.0142		
Acft	ThrType	Coeff-E	Coeff-F	Coeff-Ga	Coeff-Gb	Coeff-H						7373B2	APP	STANDARD	1	12	01	0	COM	0.0263	0.0118	0.0000	
											7373B2	APP	STANDARD	1	30	01	0	COM	0.2217	0.0996	0.0000		
USER-DEFINED PROP THRUST COEFFICIENTS											7373B2	DEP	STANDARD	4	12	01	0	COM	0.0103	0.0044	0.0002		
Name	ThrType	Efficiency	Power									7373B2	DEP	STANDARD	4	12	01	1	COM	0.0063	0.0027	0.0001	
											7373B2	DEP	STANDARD	4	12	01	2	COM	0.0063	0.0027	0.0001		
USER-DEFINED GENERAL THRUST COEFFICIENTS											7373B2	DEP	STANDARD	4	12	01	3	COM	0.0017	0.0007	0.0000		
Acft	Type	Coeff-E	Coeff-F	Coeff-Ga	Coeff-Gb	Coeff-H	Coeff-						7373B2	DEP	STANDARD	4	12	01	4	COM	0.0017	0.0007	0.0000
K1	Coeff-K2											7373B2	DEP	STANDARD	4	30	01	0	COM	0.0865	0.0369	0.0019	
CASE FLIGHT OPERATIONS											7373B2	DEP	STANDARD	4	30	01	1	COM	0.0532	0.0227	0.0012		
Acft	Op	Profile	Stg	Rwy	Track	Sub	Group	Day	Evening	Night	7373B2	DEP	STANDARD	4	30	01	2	COM	0.0532	0.0227	0.0012		
717200	APP	STANDARD	1	12	01	0	COM	0.1066	0.0015	0.0003	7373B2 <td>DEP</td> <td>STANDARD</td> <td>4</td> <td>30</td> <td>01</td> <td>3</td> <td>COM</td> <td>0.0144</td> <td>0.0062</td> <td>0.0003</td>	DEP	STANDARD	4	30	01	3	COM	0.0144	0.0062	0.0003		
717200	APP	STANDARD	1	30	01	0	COM	0.8992	0.0125	0.0025	7373B2	DEP	STANDARD	4	30	01	4	COM	0.0144	0.0062	0.0003		
717200	DEP	STANDARD	6	12	01	0	COM	0.0411	0.0011	0.0001	737400	APP	STANDARD	1	12	01	0	COM	0.0284	0.0021	0.0000		
717200	DEP	STANDARD	6	12	01	1	COM	0.0253	0.0006	0.0001	737400	APP	STANDARD	1	30	01	0	COM	0.2391	0.0174	0.0000		
717200	DEP	STANDARD	6	12	01	2	COM	0.0253	0.0006	0.0001	737400	DEP	STANDARD	4	12	01	0	COM	0.0111	0.0006	0.0002		
717200	DEP	STANDARD	6	12	01	3	COM	0.0069	0.0002	0.0000	737400	DEP	STANDARD	4	12	01	1	COM	0.0068	0.0004	0.0001		
717200	DEP	STANDARD	6	12	01	4	COM	0.0069	0.0002	0.0000	737400	DEP	STANDARD	4	12	01	2	COM	0.0068	0.0004	0.0001		
717200	DEP	STANDARD	6	30	01	0	COM	0.3468	0.0087	0.0010	737400	DEP	STANDARD	4	12	01	3	COM	0.0018	0.0001	0.0000		
717200	DEP	STANDARD	6	30	01	1	COM	0.2134	0.0054	0.0006	737400	DEP	STANDARD	4	12	01	4	COM	0.0018	0.0001	0.0000		
717200	DEP	STANDARD	6	30	01	2	COM	0.2134	0.0054	0.0006	737400	DEP	STANDARD	4	30	01	0	COM	0.0932	0.0049	0.0019		
717200	DEP	STANDARD	6	30	01	3	COM	0.0578	0.0015	0.0002	737400	DEP	STANDARD	4	30	01	1	COM	0.0574	0.0030	0.0012		
717200	DEP	STANDARD	6	30	01	4	COM	0.0578	0.0015	0.0002	737400	DEP	STANDARD	4	30	01	2	COM	0.0574	0.0030	0.0012		
737300	APP	STANDARD	1	12	01	0	COM	0.0818	0.0514	0.0177	737400	DEP	STANDARD	4	30	01	3	COM	0.0155	0.0008	0.0003		
737300	APP	STANDARD	1	30	01	0	COM	0.6900	0.4334	0.1494	737400	DEP	STANDARD	4	30	01	4	COM	0.0155	0.0008	0.0003		
737300	DEP	STANDARD	4	12	01	0	COM	0.0358	0.0129	0.0101	737500	APP	STANDARD	1	12	01	0	COM	0.2203	0.0384	0.0387		
737300	DEP	STANDARD	4	12	01	1	COM	0.0220	0.0079	0.0062	737500	APP	STANDARD	1	30	01	0	COM	1.8581	0.3238	0.3263		
737300	DEP	STANDARD	4	12	01	2	COM	0.0220	0.0079	0.0062	737500	DEP	STANDARD	4	12	01	0	COM	0.0893	0.0050	0.0216		
737300	DEP	STANDARD	4	12	01	3	COM	0.0060	0.0022	0.0017	737500	DEP	STANDARD	4	12	01	1	COM	0.0549	0.0030	0.0133		
737300	DEP	STANDARD	4	12	01	4	COM	0.0060	0.0022	0.0017	737500	DEP	STANDARD	4	12	01	2	COM	0.0549	0.0030	0.0133		
737300	DEP	STANDARD	4	30	01	0	COM	0.3021	0.1088	0.0855	737500	DEP	STANDARD	4	12	01	3	COM	0.0149	0.0008	0.0036		
737300	DEP	STANDARD	4	30	01	1	COM	0.1859	0.0670	0.0526	737500	DEP	STANDARD	4	12	01	4	COM	0.0149	0.0008	0.0036		
737300	DEP	STANDARD	4	30	01	2	COM	0.1859	0.0670	0.0526	737500	DEP	STANDARD	4	30	01	0	COM	0.7529	0.0418	0.1826		
737300	DEP	STANDARD	4	30	01	3	COM	0.0503	0.0181	0.0142	737500	DEP	STANDARD	4	30	01	1	COM	0.4633	0.0257	0.1124		
											737500	DEP	STANDARD	4	30	01	2	COM	0.4633	0.0257	0.1124		

737500	DEP	STANDARD	4	30	01	3	COM	0.1255	0.0070	0.0304	767300	DEP	STANDARD	7	30	01	2	COM	0.0048	0.0036	0.0006
737500	DEP	STANDARD	4	30	01	4	COM	0.1255	0.0070	0.0304	767300	DEP	STANDARD	7	30	01	3	COM	0.0013	0.0010	0.0002
737700	APP	STANDARD	1	12	01	0	COM	0.3352	0.1737	0.0021	767300	DEP	STANDARD	7	30	01	4	COM	0.0013	0.0010	0.0002
737700	APP	STANDARD	1	30	01	0	COM	2.8271	1.4646	0.0174	A300	APP	STANDARD	1	12	01	0	COM	0.0009	0.0012	0.0000
737700	DEP	STANDARD	6	12	01	0	COM	0.1264	0.0656	0.0070	A300	APP	STANDARD	1	30	01	0	COM	0.0075	0.0100	0.0000
737700	DEP	STANDARD	6	12	01	1	COM	0.0778	0.0404	0.0043	A300	DEP	STANDARD	5	12	01	0	COM	0.0004	0.0004	0.0001
737700	DEP	STANDARD	6	12	01	2	COM	0.0778	0.0404	0.0043	A300	DEP	STANDARD	5	12	01	1	COM	0.0002	0.0002	0.0001
737700	DEP	STANDARD	6	12	01	3	COM	0.0211	0.0109	0.0012	A300	DEP	STANDARD	5	12	01	2	COM	0.0002	0.0002	0.0001
737700	DEP	STANDARD	6	12	01	4	COM	0.0211	0.0109	0.0012	A300	DEP	STANDARD	5	12	01	3	COM	0.0001	0.0001	0.0000
737700	DEP	STANDARD	6	30	01	0	COM	1.0656	0.5537	0.0592	A300	DEP	STANDARD	5	12	01	4	COM	0.0001	0.0001	0.0000
737700	DEP	STANDARD	6	30	01	1	COM	0.6558	0.3408	0.0365	A300	DEP	STANDARD	5	30	01	0	COM	0.0029	0.0029	0.0010
737700	DEP	STANDARD	6	30	01	2	COM	0.6558	0.3408	0.0365	A300	DEP	STANDARD	5	30	01	1	COM	0.0018	0.0018	0.0006
737700	DEP	STANDARD	6	30	01	3	COM	0.1776	0.0923	0.0099	A300	DEP	STANDARD	5	30	01	2	COM	0.0018	0.0018	0.0006
737700	DEP	STANDARD	6	30	01	4	COM	0.1776	0.0923	0.0099	A300	DEP	STANDARD	5	30	01	3	COM	0.0005	0.0005	0.0002
757RR	APP	STANDARD	1	12	01	0	COM	0.0682	0.0062	0.0006	A300	DEP	STANDARD	5	30	01	4	COM	0.0005	0.0005	0.0002
757RR	APP	STANDARD	1	30	01	0	COM	0.5754	0.0523	0.0050	A310	APP	STANDARD	1	12	01	0	COM	0.0050	0.0003	0.0000
757RR	DEP	STANDARD	5	12	01	0	COM	0.0260	0.0028	0.0005	A310	APP	STANDARD	1	30	01	0	COM	0.0423	0.0025	0.0000
757RR	DEP	STANDARD	5	12	01	1	COM	0.0160	0.0017	0.0003	A310	DEP	STANDARD	6	12	01	0	COM	0.0019	0.0001	0.0000
757RR	DEP	STANDARD	5	12	01	2	COM	0.0160	0.0017	0.0003	A310	DEP	STANDARD	6	12	01	1	COM	0.0012	0.0001	0.0000
757RR	DEP	STANDARD	5	12	01	3	COM	0.0043	0.0005	0.0001	A310	DEP	STANDARD	6	12	01	2	COM	0.0012	0.0001	0.0000
757RR	DEP	STANDARD	5	12	01	4	COM	0.0043	0.0005	0.0001	A310	DEP	STANDARD	6	12	01	3	COM	0.0003	0.0000	0.0000
757RR	DEP	STANDARD	5	30	01	0	COM	0.2195	0.0233	0.0039	A310	DEP	STANDARD	6	12	01	4	COM	0.0003	0.0000	0.0000
757RR	DEP	STANDARD	5	30	01	1	COM	0.1351	0.0144	0.0024	A310	DEP	STANDARD	6	30	01	0	COM	0.0165	0.0010	0.0000
757RR	DEP	STANDARD	5	30	01	2	COM	0.1351	0.0144	0.0024	A310	DEP	STANDARD	6	30	01	1	COM	0.0102	0.0006	0.0000
757RR	DEP	STANDARD	5	30	01	3	COM	0.0366	0.0039	0.0007	A310	DEP	STANDARD	6	30	01	2	COM	0.0102	0.0006	0.0000
757RR	DEP	STANDARD	5	30	01	4	COM	0.0366	0.0039	0.0007	A310	DEP	STANDARD	6	30	01	3	COM	0.0027	0.0002	0.0000
767300	APP	STANDARD	1	12	01	0	COM	0.0030	0.0012	0.0003	A310	DEP	STANDARD	6	30	01	4	COM	0.0027	0.0002	0.0000
767300	APP	STANDARD	1	30	01	0	COM	0.0249	0.0100	0.0025	A319	APP	STANDARD	1	12	01	0	COM	0.1760	0.0664	0.0038
767300	DEP	STANDARD	7	12	01	0	COM	0.0009	0.0007	0.0001	A319	APP	STANDARD	1	30	01	0	COM	1.4845	0.5604	0.0324
767300	DEP	STANDARD	7	12	01	1	COM	0.0006	0.0004	0.0001	A319	DEP	STANDARD	4	12	01	0	COM	0.0685	0.0251	0.0023
767300	DEP	STANDARD	7	12	01	2	COM	0.0006	0.0004	0.0001	A319	DEP	STANDARD	4	12	01	1	COM	0.0422	0.0155	0.0014
767300	DEP	STANDARD	7	12	01	3	COM	0.0002	0.0001	0.0000	A319	DEP	STANDARD	4	12	01	2	COM	0.0422	0.0155	0.0014
767300	DEP	STANDARD	7	12	01	4	COM	0.0002	0.0001	0.0000	A319	DEP	STANDARD	4	12	01	3	COM	0.0114	0.0042	0.0004
767300	DEP	STANDARD	7	30	01	0	COM	0.0078	0.0058	0.0010	A319	DEP	STANDARD	4	12	01	4	COM	0.0114	0.0042	0.0004
767300	DEP	STANDARD	7	30	01	1	COM	0.0048	0.0036	0.0006	A319	DEP	STANDARD	4	30	01	0	COM	0.5780	0.2118	0.0194

A319	DEP	STANDARD	4	30	01	1	COM	0.3557	0.1303	0.0120	A330	DEP	STANDARD	6	30	01	0	COM	0.0039	0.0019	0.0000
A319	DEP	STANDARD	4	30	01	2	COM	0.3557	0.1303	0.0120	A330	DEP	STANDARD	6	30	01	1	COM	0.0024	0.0012	0.0000
A319	DEP	STANDARD	4	30	01	3	COM	0.0963	0.0353	0.0032	A330	DEP	STANDARD	6	30	01	2	COM	0.0024	0.0012	0.0000
A319	DEP	STANDARD	4	30	01	4	COM	0.0963	0.0353	0.0032	A330	DEP	STANDARD	6	30	01	3	COM	0.0007	0.0003	0.0000
A320	APP	STANDARD	1	12	01	0	COM	0.8990	0.4229	0.0694	A330	DEP	STANDARD	6	30	01	4	COM	0.0007	0.0003	0.0000
A320	APP	STANDARD	1	30	01	0	COM	7.5820	3.5668	0.5853	BAE146	APP	STANDARD	1	12	01	0	COM	0.2620	0.1187	0.0012
A320	DEP	STANDARD	5	12	01	0	COM	0.3839	0.1067	0.0521	BAE146	APP	STANDARD	1	30	01	0	COM	2.2093	1.0013	0.0100
A320	DEP	STANDARD	5	12	01	1	COM	0.2362	0.0656	0.0320	BAE146	DEP	STANDARD	3	12	01	0	COM	0.1139	0.0157	0.0193
A320	DEP	STANDARD	5	12	01	2	COM	0.2362	0.0656	0.0320	BAE146	DEP	STANDARD	3	12	01	1	COM	0.0701	0.0096	0.0119
A320	DEP	STANDARD	5	12	01	3	COM	0.0640	0.0178	0.0087	BAE146	DEP	STANDARD	3	12	01	2	COM	0.0701	0.0096	0.0119
A320	DEP	STANDARD	5	12	01	4	COM	0.0640	0.0178	0.0087	BAE146	DEP	STANDARD	3	12	01	3	COM	0.0190	0.0026	0.0032
A320	DEP	STANDARD	5	30	01	0	COM	3.2377	0.8995	0.4391	BAE146	DEP	STANDARD	3	12	01	4	COM	0.0190	0.0026	0.0032
A320	DEP	STANDARD	5	30	01	1	COM	1.9925	0.5536	0.2702	BAE146	DEP	STANDARD	3	30	01	0	COM	0.9607	0.1321	0.1632
A320	DEP	STANDARD	5	30	01	2	COM	1.9925	0.5536	0.2702	BAE146	DEP	STANDARD	3	30	01	1	COM	0.5912	0.0813	0.1004
A320	DEP	STANDARD	5	30	01	3	COM	0.5396	0.1499	0.0732	BAE146	DEP	STANDARD	3	30	01	2	COM	0.5912	0.0813	0.1004
A320	DEP	STANDARD	5	30	01	4	COM	0.5396	0.1499	0.0732	BAE146	DEP	STANDARD	3	30	01	3	COM	0.1601	0.0220	0.0272
A32023	APP	STANDARD	1	12	01	0	COM	0.1872	0.1004	0.0035	BAE146	DEP	STANDARD	3	30	01	4	COM	0.1601	0.0220	0.0272
A32023	APP	STANDARD	1	30	01	0	COM	1.5792	0.8469	0.0299	BEC58P	APP	STANDARD	1	10	01	0	GA	0.0643	0.0181	0.0020
A32023	DEP	STANDARD	5	12	01	0	COM	0.0757	0.0343	0.0036	BEC58P	APP	STANDARD	1	28	01	0	GA	0.0249	0.0070	0.0008
A32023	DEP	STANDARD	5	12	01	1	COM	0.0466	0.0211	0.0022	BEC58P	DEP	STANDARD	1	10	01	0	GA	0.0115	0.0012	0.0000
A32023	DEP	STANDARD	5	12	01	2	COM	0.0466	0.0211	0.0022	BEC58P	DEP	STANDARD	1	10	01	1	GA	0.0071	0.0007	0.0000
A32023	DEP	STANDARD	5	12	01	3	COM	0.0126	0.0057	0.0006	BEC58P	DEP	STANDARD	1	10	01	2	GA	0.0071	0.0007	0.0000
A32023	DEP	STANDARD	5	12	01	4	COM	0.0126	0.0057	0.0006	BEC58P	DEP	STANDARD	1	10	01	3	GA	0.0019	0.0002	0.0000
A32023	DEP	STANDARD	5	30	01	0	COM	0.6382	0.2895	0.0301	BEC58P	DEP	STANDARD	1	10	01	4	GA	0.0019	0.0002	0.0000
A32023	DEP	STANDARD	5	30	01	1	COM	0.3928	0.1782	0.0185	BEC58P	DEP	STANDARD	1	28	01	0	GA	0.0298	0.0031	0.0000
A32023	DEP	STANDARD	5	30	01	2	COM	0.3928	0.1782	0.0185	BEC58P	DEP	STANDARD	1	28	01	1	GA	0.0183	0.0019	0.0000
A32023	DEP	STANDARD	5	30	01	3	COM	0.1064	0.0482	0.0050	BEC58P	DEP	STANDARD	1	28	01	2	GA	0.0183	0.0019	0.0000
A32023	DEP	STANDARD	5	30	01	4	COM	0.1064	0.0482	0.0050	BEC58P	DEP	STANDARD	1	28	01	3	GA	0.0050	0.0005	0.0000
A330	APP	STANDARD	1	12	01	0	COM	0.0012	0.0006	0.0000	BEC58P	DEP	STANDARD	1	28	01	4	GA	0.0050	0.0005	0.0000
A330	APP	STANDARD	1	30	01	0	COM	0.0100	0.0050	0.0000	C130	APP	STANDARD	1	12	01	0	MIL	0.0006	0.0000	0.0003
A330	DEP	STANDARD	6	12	01	0	COM	0.0005	0.0002	0.0000	C130	APP	STANDARD	1	30	01	0	MIL	0.0050	0.0000	0.0025
A330	DEP	STANDARD	6	12	01	1	COM	0.0003	0.0001	0.0000	C130	DEP	STANDARD	2	12	01	0	MIL	0.0002	0.0000	0.0001
A330	DEP	STANDARD	6	12	01	2	COM	0.0003	0.0001	0.0000	C130	DEP	STANDARD	2	12	01	1	MIL	0.0001	0.0000	0.0001
A330	DEP	STANDARD	6	12	01	3	COM	0.0001	0.0000	0.0000	C130	DEP	STANDARD	2	12	01	2	MIL	0.0001	0.0000	0.0001
A330	DEP	STANDARD	6	12	01	4	COM	0.0001	0.0000	0.0000	C130	DEP	STANDARD	2	12	01	3	MIL	0.0000	0.0000	0.0000

CL130	DEP	STANDARD	2	12	01	4	MIL	0.0000	0.0000	0.0000	CL601	DEP	STANDARD	1	12	01	3	GA	0.1012	0.0230	0.0008
CL130	DEP	STANDARD	2	30	01	0	MIL	0.0019	0.0000	0.0010	CL601	DEP	STANDARD	1	12	01	4	GA	0.1012	0.0230	0.0008
CL130	DEP	STANDARD	2	30	01	1	MIL	0.0012	0.0000	0.0006	CL601	DEP	STANDARD	1	30	01	0	GA	5.1232	1.1638	0.0398
CL130	DEP	STANDARD	2	30	01	2	MIL	0.0012	0.0000	0.0006	CL601	DEP	STANDARD	1	30	01	1	GA	3.1528	0.7162	0.0245
CL130	DEP	STANDARD	2	30	01	3	MIL	0.0003	0.0000	0.0002	CL601	DEP	STANDARD	1	30	01	2	GA	3.1528	0.7162	0.0245
CL130	DEP	STANDARD	2	30	01	4	MIL	0.0003	0.0000	0.0002	CL601	DEP	STANDARD	1	30	01	3	GA	0.8539	0.1940	0.0066
CIT3	APP	STANDARD	1	12	01	0	GA	0.0003	0.0003	0.0000	CL601	DEP	STANDARD	1	30	01	4	GA	0.8539	0.1940	0.0066
CIT3	APP	STANDARD	1	30	01	0	GA	0.0025	0.0025	0.0000	CNA172	APP	STANDARD	1	10	01	0	GA	0.9984	0.1607	0.0000
CIT3	DEP	STANDARD	1	12	01	0	GA	0.0002	0.0000	0.0000	CNA172	APP	STANDARD	1	28	01	0	GA	0.3863	0.0622	0.0000
CIT3	DEP	STANDARD	1	12	01	1	GA	0.0001	0.0000	0.0000	CNA172	DEP	STANDARD	1	10	01	0	GA	0.1604	0.0142	0.0000
CIT3	DEP	STANDARD	1	12	01	2	GA	0.0001	0.0000	0.0000	CNA172	DEP	STANDARD	1	10	01	1	GA	0.0987	0.0088	0.0000
CIT3	DEP	STANDARD	1	12	01	3	GA	0.0000	0.0000	0.0000	CNA172	DEP	STANDARD	1	10	01	2	GA	0.0987	0.0088	0.0000
CIT3	DEP	STANDARD	1	12	01	4	GA	0.0000	0.0000	0.0000	CNA172	DEP	STANDARD	1	10	01	3	GA	0.0267	0.0024	0.0000
CIT3	DEP	STANDARD	1	30	01	0	GA	0.0019	0.0000	0.0000	CNA172	DEP	STANDARD	1	10	01	4	GA	0.0267	0.0024	0.0000
CIT3	DEP	STANDARD	1	30	01	1	GA	0.0012	0.0000	0.0000	CNA172	DEP	STANDARD	1	28	01	0	GA	0.4145	0.0368	0.0000
CIT3	DEP	STANDARD	1	30	01	2	GA	0.0012	0.0000	0.0000	CNA172	DEP	STANDARD	1	28	01	1	GA	0.2550	0.0227	0.0000
CIT3	DEP	STANDARD	1	30	01	3	GA	0.0003	0.0000	0.0000	CNA172	DEP	STANDARD	1	28	01	2	GA	0.2550	0.0227	0.0000
CIT3	DEP	STANDARD	1	30	01	4	GA	0.0003	0.0000	0.0000	CNA172	DEP	STANDARD	1	28	01	3	GA	0.0691	0.0061	0.0000
CL600	APP	STANDARD	1	12	01	0	GA	0.0050	0.0009	0.0000	CNA172	DEP	STANDARD	1	28	01	4	GA	0.0691	0.0061	0.0000
CL600	APP	STANDARD	1	30	01	0	GA	0.0423	0.0075	0.0000	CNA206	APP	STANDARD	1	10	01	0	GA	0.3274	0.0703	0.0020
CL600	DEP	STANDARD	1	12	01	0	GA	0.0017	0.0006	0.0000	CNA206	APP	STANDARD	1	28	01	0	GA	0.1267	0.0272	0.0008
CL600	DEP	STANDARD	1	12	01	1	GA	0.0011	0.0004	0.0000	CNA206	DEP	STANDARD	1	10	01	0	GA	0.0542	0.0058	0.0003
CL600	DEP	STANDARD	1	12	01	2	GA	0.0011	0.0004	0.0000	CNA206	DEP	STANDARD	1	10	01	1	GA	0.0334	0.0036	0.0002
CL600	DEP	STANDARD	1	12	01	3	GA	0.0003	0.0001	0.0000	CNA206	DEP	STANDARD	1	10	01	2	GA	0.0334	0.0036	0.0002
CL600	DEP	STANDARD	1	12	01	4	GA	0.0003	0.0001	0.0000	CNA206	DEP	STANDARD	1	10	01	3	GA	0.0090	0.0010	0.0001
CL600	DEP	STANDARD	1	30	01	0	GA	0.0146	0.0049	0.0000	CNA206	DEP	STANDARD	1	10	01	4	GA	0.0090	0.0010	0.0001
CL600	DEP	STANDARD	1	30	01	1	GA	0.0090	0.0030	0.0000	CNA206	DEP	STANDARD	1	28	01	0	GA	0.1402	0.0149	0.0008
CL600	DEP	STANDARD	1	30	01	2	GA	0.0090	0.0030	0.0000	CNA206	DEP	STANDARD	1	28	01	1	GA	0.0863	0.0092	0.0005
CL600	DEP	STANDARD	1	30	01	3	GA	0.0024	0.0008	0.0000	CNA206	DEP	STANDARD	1	28	01	2	GA	0.0863	0.0092	0.0005
CL600	DEP	STANDARD	1	30	01	4	GA	0.0024	0.0008	0.0000	CNA206	DEP	STANDARD	1	28	01	3	GA	0.0234	0.0025	0.0001
CL601	APP	STANDARD	1	12	01	0	GA	1.3467	0.5378	0.0396	CNA206	DEP	STANDARD	1	28	01	4	GA	0.0234	0.0025	0.0001
CL601	APP	STANDARD	1	30	01	0	GA	11.3581	4.5358	0.3338	CNA20T	APP	STANDARD	1	10	01	0	GA	0.0040	0.0000	0.0000
CL601	DEP	STANDARD	1	12	01	0	GA	0.6075	0.1380	0.0047	CNA20T	APP	STANDARD	1	28	01	0	GA	0.0016	0.0000	0.0000
CL601	DEP	STANDARD	1	12	01	1	GA	0.3738	0.0849	0.0029	CNA20T	DEP	STANDARD	1	10	01	0	GA	0.0003	0.0003	0.0000
CL601	DEP	STANDARD	1	12	01	2	GA	0.3738	0.0849	0.0029	CNA20T	DEP	STANDARD	1	10	01	1	GA	0.0002	0.0002	0.0000

CNA20T	DEP	STANDARD	1	10	01	2	GA	0.0002	0.0002	0.0000	CNA55B	DEP	STANDARD	1	12	01	1	GA	0.0014	0.0003	0.0001
CNA20T	DEP	STANDARD	1	10	01	3	GA	0.0001	0.0001	0.0000	CNA55B	DEP	STANDARD	1	12	01	2	GA	0.0014	0.0003	0.0001
CNA20T	DEP	STANDARD	1	10	01	4	GA	0.0001	0.0001	0.0000	CNA55B	DEP	STANDARD	1	12	01	3	GA	0.0004	0.0001	0.0000
CNA20T	DEP	STANDARD	1	28	01	0	GA	0.0008	0.0008	0.0000	CNA55B	DEP	STANDARD	1	12	01	4	GA	0.0004	0.0001	0.0000
CNA20T	DEP	STANDARD	1	28	01	1	GA	0.0005	0.0005	0.0000	CNA55B	DEP	STANDARD	1	30	01	0	GA	0.0194	0.0039	0.0010
CNA20T	DEP	STANDARD	1	28	01	2	GA	0.0005	0.0005	0.0000	CNA55B	DEP	STANDARD	1	30	01	1	GA	0.0120	0.0024	0.0006
CNA20T	DEP	STANDARD	1	28	01	3	GA	0.0001	0.0001	0.0000	CNA55B	DEP	STANDARD	1	30	01	2	GA	0.0120	0.0024	0.0006
CNA20T	DEP	STANDARD	1	28	01	4	GA	0.0001	0.0001	0.0000	CNA55B	DEP	STANDARD	1	30	01	3	GA	0.0032	0.0007	0.0002
CNA441	APP	STANDARD	1	10	01	0	COM	0.0382	0.0020	0.0020	CNA55B	DEP	STANDARD	1	30	01	4	GA	0.0032	0.0007	0.0002
CNA441	APP	STANDARD	1	28	01	0	COM	0.0148	0.0008	0.0008	CNA750	APP	STANDARD	1	12	01	0	GA	0.0006	0.0003	0.0000
CNA441	DEP	STANDARD	1	10	01	0	COM	0.0048	0.0012	0.0003	CNA750	APP	STANDARD	1	30	01	0	GA	0.0050	0.0025	0.0000
CNA441	DEP	STANDARD	1	10	01	1	COM	0.0030	0.0007	0.0002	CNA750	DEP	STANDARD	1	12	01	0	GA	0.0004	0.0000	0.0000
CNA441	DEP	STANDARD	1	10	01	2	COM	0.0030	0.0007	0.0002	CNA750	DEP	STANDARD	1	12	01	1	GA	0.0002	0.0000	0.0000
CNA441	DEP	STANDARD	1	10	01	3	COM	0.0008	0.0002	0.0001	CNA750	DEP	STANDARD	1	12	01	2	GA	0.0002	0.0000	0.0000
CNA441	DEP	STANDARD	1	10	01	4	COM	0.0008	0.0002	0.0001	CNA750	DEP	STANDARD	1	12	01	3	GA	0.0001	0.0000	0.0000
CNA441	DEP	STANDARD	1	28	01	0	COM	0.0125	0.0031	0.0008	CNA750	DEP	STANDARD	1	12	01	4	GA	0.0001	0.0000	0.0000
CNA441	DEP	STANDARD	1	28	01	1	COM	0.0077	0.0019	0.0005	CNA750	DEP	STANDARD	1	30	01	0	GA	0.0029	0.0000	0.0000
CNA441	DEP	STANDARD	1	28	01	2	COM	0.0077	0.0019	0.0005	CNA750	DEP	STANDARD	1	30	01	1	GA	0.0018	0.0000	0.0000
CNA441	DEP	STANDARD	1	28	01	3	COM	0.0021	0.0005	0.0001	CNA750	DEP	STANDARD	1	30	01	2	GA	0.0018	0.0000	0.0000
CNA441	DEP	STANDARD	1	28	01	4	COM	0.0021	0.0005	0.0001	CNA750	DEP	STANDARD	1	30	01	3	GA	0.0005	0.0000	0.0000
CNA500	APP	STANDARD	1	12	01	0	GA	0.0109	0.0041	0.0012	CNA750	DEP	STANDARD	1	30	01	4	GA	0.0005	0.0000	0.0000
CNA500	APP	STANDARD	1	30	01	0	GA	0.0922	0.0349	0.0100	CVR580	APP	STANDARD	1	12	01	0	COM	0.0003	0.0006	0.0000
CNA500	DEP	STANDARD	1	12	01	0	GA	0.0046	0.0012	0.0006	CVR580	APP	STANDARD	1	30	01	0	COM	0.0025	0.0050	0.0000
CNA500	DEP	STANDARD	1	12	01	1	GA	0.0028	0.0007	0.0004	CVR580	DEP	STANDARD	3	12	01	0	COM	0.0002	0.0001	0.0000
CNA500	DEP	STANDARD	1	12	01	2	GA	0.0028	0.0007	0.0004	CVR580	DEP	STANDARD	3	12	01	1	COM	0.0001	0.0001	0.0000
CNA500	DEP	STANDARD	1	12	01	3	GA	0.0008	0.0002	0.0001	CVR580	DEP	STANDARD	3	12	01	2	COM	0.0001	0.0001	0.0000
CNA500	DEP	STANDARD	1	12	01	4	GA	0.0008	0.0002	0.0001	CVR580	DEP	STANDARD	3	12	01	3	COM	0.0000	0.0000	0.0000
CNA500	DEP	STANDARD	1	30	01	0	GA	0.0388	0.0097	0.0049	CVR580	DEP	STANDARD	3	12	01	4	COM	0.0000	0.0000	0.0000
CNA500	DEP	STANDARD	1	30	01	1	GA	0.0239	0.0060	0.0030	CVR580	DEP	STANDARD	3	30	01	0	COM	0.0019	0.0010	0.0000
CNA500	DEP	STANDARD	1	30	01	2	GA	0.0239	0.0060	0.0030	CVR580	DEP	STANDARD	3	30	01	1	COM	0.0012	0.0006	0.0000
CNA500	DEP	STANDARD	1	30	01	3	GA	0.0065	0.0016	0.0008	CVR580	DEP	STANDARD	3	30	01	2	COM	0.0012	0.0006	0.0000
CNA500	DEP	STANDARD	1	30	01	4	GA	0.0065	0.0016	0.0008	CVR580	DEP	STANDARD	3	30	01	3	COM	0.0003	0.0002	0.0000
CNA55B	APP	STANDARD	1	12	01	0	GA	0.0056	0.0012	0.0006	CVR580	DEP	STANDARD	3	30	01	4	COM	0.0003	0.0002	0.0000
CNA55B	APP	STANDARD	1	30	01	0	GA	0.0473	0.0100	0.0050	DHC6	APP	STANDARD	1	12	01	0	COM	0.0316	0.0112	0.0012
CNA55B	DEP	STANDARD	1	12	01	0	GA	0.0023	0.0005	0.0001	DHC6	APP	STANDARD	1	30	01	0	COM	0.2665	0.0947	0.0100

DHC6	DEP	STANDARD	1	12	01	0	COM	0.0137	0.0028	0.0007	EMB120	APP	STANDARD	1	30	01	0	COM	0.6078	0.0100	0.0000
DHC6	DEP	STANDARD	1	12	01	1	COM	0.0084	0.0017	0.0004	EMB120	DEP	STANDARD	1	12	01	0	COM	0.0006	0.0280	0.0000
DHC6	DEP	STANDARD	1	12	01	2	COM	0.0084	0.0017	0.0004	EMB120	DEP	STANDARD	1	12	01	1	COM	0.0004	0.0172	0.0000
DHC6	DEP	STANDARD	1	12	01	3	COM	0.0023	0.0005	0.0001	EMB120	DEP	STANDARD	1	12	01	2	COM	0.0004	0.0172	0.0000
DHC6	DEP	STANDARD	1	12	01	4	COM	0.0023	0.0005	0.0001	EMB120	DEP	STANDARD	1	12	01	3	COM	0.0001	0.0047	0.0000
DHC6	DEP	STANDARD	1	30	01	0	COM	0.1156	0.0233	0.0058	EMB120	DEP	STANDARD	1	12	01	4	COM	0.0001	0.0047	0.0000
DHC6	DEP	STANDARD	1	30	01	1	COM	0.0711	0.0144	0.0036	EMB120	DEP	STANDARD	1	30	01	0	COM	0.0049	0.2361	0.0000
DHC6	DEP	STANDARD	1	30	01	2	COM	0.0711	0.0144	0.0036	EMB120	DEP	STANDARD	1	30	01	1	COM	0.0030	0.1453	0.0000
DHC6	DEP	STANDARD	1	30	01	3	COM	0.0193	0.0039	0.0010	EMB120	DEP	STANDARD	1	30	01	2	COM	0.0030	0.1453	0.0000
DHC6	DEP	STANDARD	1	30	01	4	COM	0.0193	0.0039	0.0010	EMB120	DEP	STANDARD	1	30	01	3	COM	0.0008	0.0393	0.0000
DHC8	APP	STANDARD	1	12	01	0	COM	0.0012	0.0012	0.0000	EMB120	DEP	STANDARD	1	30	01	4	COM	0.0008	0.0393	0.0000
DHC8	APP	STANDARD	1	30	01	0	COM	0.0100	0.0100	0.0000	EMB145	APP	STANDARD	1	12	01	0	COM	0.0871	0.0851	0.0009
DHC8	DEP	STANDARD	1	12	01	0	COM	0.0006	0.0004	0.0000	EMB145	APP	STANDARD	1	30	01	0	COM	0.7348	0.7174	0.0075
DHC8	DEP	STANDARD	1	12	01	1	COM	0.0004	0.0002	0.0000	EMB145	DEP	STANDARD	4	12	01	0	COM	0.0669	0.0006	0.0000
DHC8	DEP	STANDARD	1	12	01	2	COM	0.0004	0.0002	0.0000	EMB145	DEP	STANDARD	4	12	01	1	COM	0.0412	0.0004	0.0000
DHC8	DEP	STANDARD	1	12	01	3	COM	0.0001	0.0001	0.0000	EMB145	DEP	STANDARD	4	12	01	2	COM	0.0412	0.0004	0.0000
DHC8	DEP	STANDARD	1	12	01	4	COM	0.0001	0.0001	0.0000	EMB145	DEP	STANDARD	4	12	01	3	COM	0.0112	0.0001	0.0000
DHC8	DEP	STANDARD	1	30	01	0	COM	0.0049	0.0029	0.0000	EMB145	DEP	STANDARD	4	12	01	4	COM	0.0112	0.0001	0.0000
DHC8	DEP	STANDARD	1	30	01	1	COM	0.0030	0.0018	0.0000	EMB145	DEP	STANDARD	4	30	01	0	COM	0.5644	0.0049	0.0000
DHC8	DEP	STANDARD	1	30	01	2	COM	0.0030	0.0018	0.0000	EMB145	DEP	STANDARD	4	30	01	1	COM	0.3473	0.0030	0.0000
DHC8	DEP	STANDARD	1	30	01	3	COM	0.0008	0.0005	0.0000	EMB145	DEP	STANDARD	4	30	01	2	COM	0.3473	0.0030	0.0000
DHC8	DEP	STANDARD	1	30	01	4	COM	0.0008	0.0005	0.0000	EMB145	DEP	STANDARD	4	30	01	3	COM	0.0941	0.0008	0.0000
DHC830	APP	STANDARD	1	12	01	0	COM	0.3249	0.1816	0.0030	EMB145	DEP	STANDARD	4	30	01	4	COM	0.0941	0.0008	0.0000
DHC830	APP	STANDARD	1	30	01	0	COM	2.7399	1.5318	0.0249	EMB14L	APP	STANDARD	1	12	01	0	COM	0.1796	0.0532	0.0233
DHC830	DEP	STANDARD	1	12	01	0	COM	0.1554	0.0381	0.0050	EMB14L	APP	STANDARD	1	30	01	0	COM	1.5144	0.4483	0.1968
DHC830	DEP	STANDARD	1	12	01	1	COM	0.0956	0.0235	0.0030	EMB14L	DEP	STANDARD	6	12	01	0	COM	0.0847	0.0012	0.0139
DHC830	DEP	STANDARD	1	12	01	2	COM	0.0956	0.0235	0.0030	EMB14L	DEP	STANDARD	6	12	01	1	COM	0.0521	0.0008	0.0086
DHC830	DEP	STANDARD	1	12	01	3	COM	0.0259	0.0064	0.0008	EMB14L	DEP	STANDARD	6	12	01	2	COM	0.0521	0.0008	0.0086
DHC830	DEP	STANDARD	1	12	01	4	COM	0.0259	0.0064	0.0008	EMB14L	DEP	STANDARD	6	12	01	3	COM	0.0141	0.0002	0.0023
DHC830	DEP	STANDARD	1	30	01	0	COM	1.3104	0.3216	0.0418	EMB14L	DEP	STANDARD	6	12	01	4	COM	0.0141	0.0002	0.0023
DHC830	DEP	STANDARD	1	30	01	1	COM	0.8064	0.1979	0.0257	EMB14L	DEP	STANDARD	6	30	01	0	COM	0.7140	0.0107	0.1175
DHC830	DEP	STANDARD	1	30	01	2	COM	0.8064	0.1979	0.0257	EMB14L	DEP	STANDARD	6	30	01	1	COM	0.4394	0.0066	0.0723
DHC830	DEP	STANDARD	1	30	01	3	COM	0.2184	0.0536	0.0070	EMB14L	DEP	STANDARD	6	30	01	2	COM	0.4394	0.0066	0.0723
DHC830	DEP	STANDARD	1	30	01	4	COM	0.2184	0.0536	0.0070	EMB14L	DEP	STANDARD	6	30	01	3	COM	0.1190	0.0018	0.0196
EMB120	APP	STANDARD	1	12	01	0	COM	0.0721	0.0012	0.0000	EMB14L	DEP	STANDARD	6	30	01	4	COM	0.1190	0.0018	0.0196

F10062	APP	STANDARD	1	12	01	0	COM	0.0012	0.0009	0.0003	GASEPF	DEP	STANDARD	1	28	01	4	GA	0.0988	0.0051	0.0000
F10062	APP	STANDARD	1	30	01	0	COM	0.0100	0.0075	0.0025	GASEPV	APP	STANDARD	1	10	01	0	GA	0.1245	0.0161	0.0000
F10062	DEP	STANDARD	3	12	01	0	COM	0.0009	0.0000	0.0000	GASEPV	APP	STANDARD	1	28	01	0	GA	0.0482	0.0062	0.0000
F10062	DEP	STANDARD	3	12	01	1	COM	0.0006	0.0000	0.0000	GASEPV	DEP	STANDARD	1	10	01	0	GA	0.0212	0.0000	0.0000
F10062	DEP	STANDARD	3	12	01	2	COM	0.0006	0.0000	0.0000	GASEPV	DEP	STANDARD	1	10	01	1	GA	0.0131	0.0000	0.0000
F10062	DEP	STANDARD	3	12	01	3	COM	0.0002	0.0000	0.0000	GASEPV	DEP	STANDARD	1	10	01	2	GA	0.0131	0.0000	0.0000
F10062	DEP	STANDARD	3	12	01	4	COM	0.0002	0.0000	0.0000	GASEPV	DEP	STANDARD	1	10	01	3	GA	0.0035	0.0000	0.0000
F10062	DEP	STANDARD	3	30	01	0	COM	0.0078	0.0000	0.0000	GASEPV	DEP	STANDARD	1	10	01	4	GA	0.0035	0.0000	0.0000
F10062	DEP	STANDARD	3	30	01	1	COM	0.0048	0.0000	0.0000	GASEPV	DEP	STANDARD	1	28	01	0	GA	0.0548	0.0000	0.0000
F10062	DEP	STANDARD	3	30	01	2	COM	0.0048	0.0000	0.0000	GASEPV	DEP	STANDARD	1	28	01	1	GA	0.0337	0.0000	0.0000
F10062	DEP	STANDARD	3	30	01	3	COM	0.0013	0.0000	0.0000	GASEPV	DEP	STANDARD	1	28	01	2	GA	0.0337	0.0000	0.0000
F10062	DEP	STANDARD	3	30	01	4	COM	0.0013	0.0000	0.0000	GASEPV	DEP	STANDARD	1	28	01	3	GA	0.0091	0.0000	0.0000
F10065	APP	STANDARD	1	12	01	0	COM	0.0186	0.0059	0.0000	GASEPV	DEP	STANDARD	1	28	01	4	GA	0.0091	0.0000	0.0000
F10065	APP	STANDARD	1	30	01	0	COM	0.1569	0.0498	0.0000	GIIB	APP	STANDARD	1	12	01	0	GA	0.0015	0.0000	0.0000
F10065	DEP	STANDARD	3	12	01	0	COM	0.0071	0.0023	0.0001	GIIB	APP	STANDARD	1	30	01	0	GA	0.0125	0.0000	0.0000
F10065	DEP	STANDARD	3	12	01	1	COM	0.0044	0.0014	0.0001	GIIB	DEP	STANDARD	1	12	01	0	GA	0.0005	0.0000	0.0001
F10065	DEP	STANDARD	3	12	01	2	COM	0.0044	0.0014	0.0001	GIIB	DEP	STANDARD	1	12	01	1	GA	0.0003	0.0000	0.0001
F10065	DEP	STANDARD	3	12	01	3	COM	0.0012	0.0004	0.0000	GIIB	DEP	STANDARD	1	12	01	2	GA	0.0003	0.0000	0.0001
F10065	DEP	STANDARD	3	12	01	4	COM	0.0012	0.0004	0.0000	GIIB	DEP	STANDARD	1	12	01	3	GA	0.0001	0.0000	0.0000
F10065	DEP	STANDARD	3	30	01	0	COM	0.0602	0.0194	0.0010	GIIB	DEP	STANDARD	1	12	01	4	GA	0.0001	0.0000	0.0000
F10065	DEP	STANDARD	3	30	01	1	COM	0.0371	0.0120	0.0006	GIIB	DEP	STANDARD	1	30	01	0	GA	0.0039	0.0000	0.0010
F10065	DEP	STANDARD	3	30	01	2	COM	0.0371	0.0120	0.0006	GIIB	DEP	STANDARD	1	30	01	1	GA	0.0024	0.0000	0.0006
F10065	DEP	STANDARD	3	30	01	3	COM	0.0100	0.0032	0.0002	GIIB	DEP	STANDARD	1	30	01	2	GA	0.0024	0.0000	0.0006
F10065	DEP	STANDARD	3	30	01	4	COM	0.0100	0.0032	0.0002	GIIB	DEP	STANDARD	1	30	01	3	GA	0.0007	0.0000	0.0002
GASEPF	APP	STANDARD	1	10	01	0	GA	1.4584	0.1547	0.0000	GIIB	DEP	STANDARD	1	30	01	4	GA	0.0007	0.0000	0.0002
GASEPF	APP	STANDARD	1	28	01	0	GA	0.5643	0.0599	0.0000	GIV	APP	STANDARD	1	12	01	0	GA	0.0056	0.0003	0.0000
GASEPF	DEP	STANDARD	1	10	01	0	GA	0.2295	0.0118	0.0000	GIV	APP	STANDARD	1	30	01	0	GA	0.0473	0.0025	0.0000
GASEPF	DEP	STANDARD	1	10	01	1	GA	0.1412	0.0073	0.0000	GIV	DEP	STANDARD	1	12	01	0	GA	0.0021	0.0002	0.0000
GASEPF	DEP	STANDARD	1	10	01	2	GA	0.1412	0.0073	0.0000	GIV	DEP	STANDARD	1	12	01	1	GA	0.0013	0.0001	0.0000
GASEPF	DEP	STANDARD	1	10	01	3	GA	0.0382	0.0020	0.0000	GIV	DEP	STANDARD	1	12	01	2	GA	0.0013	0.0001	0.0000
GASEPF	DEP	STANDARD	1	10	01	4	GA	0.0382	0.0020	0.0000	GIV	DEP	STANDARD	1	12	01	3	GA	0.0003	0.0000	0.0000
GASEPF	DEP	STANDARD	1	28	01	0	GA	0.5931	0.0305	0.0000	GIV	DEP	STANDARD	1	12	01	4	GA	0.0003	0.0000	0.0000
GASEPF	DEP	STANDARD	1	28	01	1	GA	0.3650	0.0188	0.0000	GIV	DEP	STANDARD	1	30	01	0	GA	0.0175	0.0019	0.0000
GASEPF	DEP	STANDARD	1	28	01	2	GA	0.3650	0.0188	0.0000	GIV	DEP	STANDARD	1	30	01	1	GA	0.0108	0.0012	0.0000
GASEPF	DEP	STANDARD	1	28	01	3	GA	0.0988	0.0051	0.0000	GIV	DEP	STANDARD	1	30	01	2	GA	0.0108	0.0012	0.0000

GIV	DEP	STANDARD	1	30	01	3	GA	0.0029	0.0003	0.0000	IA1125	DEP	STANDARD	1	30	01	2	GA	0.0042	0.0006	0.0000
GIV	DEP	STANDARD	1	30	01	4	GA	0.0029	0.0003	0.0000	IA1125	DEP	STANDARD	1	30	01	3	GA	0.0011	0.0002	0.0000
GV	APP	STANDARD	1	12	01	0	GA	0.0015	0.0000	0.0000	IA1125	DEP	STANDARD	1	30	01	4	GA	0.0011	0.0002	0.0000
GV	APP	STANDARD	1	30	01	0	GA	0.0125	0.0000	0.0000	L188	APP	STANDARD	1	12	01	0	COM	0.0003	0.0000	0.0000
GV	DEP	STANDARD	1	12	01	0	GA	0.0005	0.0001	0.0000	L188	APP	STANDARD	1	30	01	0	COM	0.0025	0.0000	0.0000
GV	DEP	STANDARD	1	12	01	1	GA	0.0003	0.0001	0.0000	L188	DEP	STANDARD	3	12	01	0	COM	0.0001	0.0000	0.0000
GV	DEP	STANDARD	1	12	01	2	GA	0.0003	0.0001	0.0000	L188	DEP	STANDARD	3	12	01	1	COM	0.0001	0.0000	0.0000
GV	DEP	STANDARD	1	12	01	3	GA	0.0001	0.0000	0.0000	L188	DEP	STANDARD	3	12	01	2	COM	0.0001	0.0000	0.0000
GV	DEP	STANDARD	1	12	01	4	GA	0.0001	0.0000	0.0000	L188	DEP	STANDARD	3	12	01	3	COM	0.0000	0.0000	0.0000
GV	DEP	STANDARD	1	30	01	0	GA	0.0039	0.0010	0.0000	L188	DEP	STANDARD	3	12	01	4	COM	0.0000	0.0000	0.0000
GV	DEP	STANDARD	1	30	01	1	GA	0.0024	0.0006	0.0000	L188	DEP	STANDARD	3	30	01	0	COM	0.0010	0.0000	0.0000
GV	DEP	STANDARD	1	30	01	2	GA	0.0024	0.0006	0.0000	L188	DEP	STANDARD	3	30	01	1	COM	0.0006	0.0000	0.0000
GV	DEP	STANDARD	1	30	01	3	GA	0.0007	0.0002	0.0000	L188	DEP	STANDARD	3	30	01	2	COM	0.0006	0.0000	0.0000
GV	DEP	STANDARD	1	30	01	4	GA	0.0007	0.0002	0.0000	L188	DEP	STANDARD	3	30	01	3	COM	0.0002	0.0000	0.0000
HS748A	APP	STANDARD	1	12	01	0	COM	0.0024	0.0030	0.0000	L188	DEP	STANDARD	3	30	01	4	COM	0.0002	0.0000	0.0000
HS748A	APP	STANDARD	1	30	01	0	COM	0.0199	0.0249	0.0000	LEAR35	APP	STANDARD	1	12	01	0	GA	0.0103	0.0038	0.0000
HS748A	DEP	STANDARD	1	12	01	0	COM	0.0006	0.0014	0.0001	LEAR35	APP	STANDARD	1	30	01	0	GA	0.0872	0.0324	0.0000
HS748A	DEP	STANDARD	1	12	01	1	COM	0.0004	0.0008	0.0001	LEAR35	DEP	STANDARD	1	12	01	0	GA	0.0043	0.0012	0.0001
HS748A	DEP	STANDARD	1	12	01	2	COM	0.0004	0.0008	0.0001	LEAR35	DEP	STANDARD	1	12	01	1	GA	0.0026	0.0007	0.0001
HS748A	DEP	STANDARD	1	12	01	3	COM	0.0001	0.0002	0.0000	LEAR35	DEP	STANDARD	1	12	01	2	GA	0.0026	0.0007	0.0001
HS748A	DEP	STANDARD	1	12	01	4	COM	0.0001	0.0002	0.0000	LEAR35	DEP	STANDARD	1	12	01	3	GA	0.0007	0.0002	0.0000
HS748A	DEP	STANDARD	1	30	01	0	COM	0.0049	0.0117	0.0010	LEAR35	DEP	STANDARD	1	12	01	4	GA	0.0007	0.0002	0.0000
HS748A	DEP	STANDARD	1	30	01	1	COM	0.0030	0.0072	0.0006	LEAR35	DEP	STANDARD	1	30	01	0	GA	0.0360	0.0097	0.0010
HS748A	DEP	STANDARD	1	30	01	2	COM	0.0030	0.0072	0.0006	LEAR35	DEP	STANDARD	1	30	01	1	GA	0.0221	0.0060	0.0006
HS748A	DEP	STANDARD	1	30	01	3	COM	0.0008	0.0019	0.0002	LEAR35	DEP	STANDARD	1	30	01	2	GA	0.0221	0.0060	0.0006
HS748A	DEP	STANDARD	1	30	01	4	COM	0.0008	0.0019	0.0002	LEAR35	DEP	STANDARD	1	30	01	3	GA	0.0060	0.0016	0.0002
IA1125	APP	STANDARD	1	12	01	0	GA	0.0021	0.0003	0.0000	LEAR35	DEP	STANDARD	1	30	01	4	GA	0.0060	0.0016	0.0002
IA1125	APP	STANDARD	1	30	01	0	GA	0.0174	0.0025	0.0000	MD81	APP	STANDARD	1	12	01	0	COM	0.1379	0.0378	0.0868
IA1125	DEP	STANDARD	1	12	01	0	GA	0.0008	0.0001	0.0000	MD81	APP	STANDARD	1	30	01	0	COM	1.1632	0.3188	0.7323
IA1125	DEP	STANDARD	1	12	01	1	GA	0.0005	0.0001	0.0000	MD81	DEP	STANDARD	3	12	01	0	COM	0.0932	0.0086	0.0006
IA1125	DEP	STANDARD	1	12	01	2	GA	0.0005	0.0001	0.0000	MD81	DEP	STANDARD	3	12	01	1	COM	0.0573	0.0053	0.0004
IA1125	DEP	STANDARD	1	12	01	3	GA	0.0001	0.0000	0.0000	MD81	DEP	STANDARD	3	12	01	2	COM	0.0573	0.0053	0.0004
IA1125	DEP	STANDARD	1	12	01	4	GA	0.0001	0.0000	0.0000	MD81	DEP	STANDARD	3	12	01	3	COM	0.0155	0.0014	0.0001
IA1125	DEP	STANDARD	1	30	01	0	GA	0.0068	0.0010	0.0000	MD81	DEP	STANDARD	3	12	01	4	COM	0.0155	0.0014	0.0001
IA1125	DEP	STANDARD	1	30	01	1	GA	0.0042	0.0006	0.0000	MD81	DEP	STANDARD	3	30	01	0	COM	0.7859	0.0729	0.0049

MD81	DEP	STANDARD	3	30	01	1	COM	0.4836	0.0448	0.0030
MD81	DEP	STANDARD	3	30	01	2	COM	0.4836	0.0448	0.0030
MD81	DEP	STANDARD	3	30	01	3	COM	0.1310	0.0121	0.0008
MD81	DEP	STANDARD	3	30	01	4	COM	0.1310	0.0121	0.0008
MD82	APP	STANDARD	1	12	01	0	COM	0.1542	0.0992	0.0095
MD82	APP	STANDARD	1	30	01	0	COM	1.3002	0.8369	0.0797
MD82	DEP	STANDARD	4	12	01	0	COM	0.0799	0.0210	0.0016
MD82	DEP	STANDARD	4	12	01	1	COM	0.0492	0.0129	0.0010
MD82	DEP	STANDARD	4	12	01	2	COM	0.0492	0.0129	0.0010
MD82	DEP	STANDARD	4	12	01	3	COM	0.0133	0.0035	0.0003
MD82	DEP	STANDARD	4	12	01	4	COM	0.0133	0.0035	0.0003
MD82	DEP	STANDARD	4	30	01	0	COM	0.6742	0.1768	0.0136
MD82	DEP	STANDARD	4	30	01	1	COM	0.4149	0.1088	0.0084
MD82	DEP	STANDARD	4	30	01	2	COM	0.4149	0.1088	0.0084
MD82	DEP	STANDARD	4	30	01	3	COM	0.1124	0.0295	0.0023
MD82	DEP	STANDARD	4	30	01	4	COM	0.1124	0.0295	0.0023
MD83	APP	STANDARD	1	12	01	0	COM	0.3346	0.1772	0.0139
MD83	APP	STANDARD	1	30	01	0	COM	2.8221	1.4945	0.1171
MD83	DEP	STANDARD	4	12	01	0	COM	0.1537	0.0485	0.0025
MD83	DEP	STANDARD	4	12	01	1	COM	0.0946	0.0298	0.0016
MD83	DEP	STANDARD	4	12	01	2	COM	0.0946	0.0298	0.0016
MD83	DEP	STANDARD	4	12	01	3	COM	0.0256	0.0081	0.0004
MD83	DEP	STANDARD	4	12	01	4	COM	0.0256	0.0081	0.0004
MD83	DEP	STANDARD	4	30	01	0	COM	1.2959	0.4090	0.0214
MD83	DEP	STANDARD	4	30	01	1	COM	0.7974	0.2517	0.0132
MD83	DEP	STANDARD	4	30	01	2	COM	0.7974	0.2517	0.0132
MD83	DEP	STANDARD	4	30	01	3	COM	0.2160	0.0682	0.0036
MD83	DEP	STANDARD	4	30	01	4	COM	0.2160	0.0682	0.0036
MD9025	APP	STANDARD	1	12	01	0	COM	0.0003	0.0000	0.0000
MD9025	APP	STANDARD	1	30	01	0	COM	0.0025	0.0000	0.0000
MD9025	DEP	STANDARD	5	12	01	0	COM	0.0001	0.0000	0.0000
MD9025	DEP	STANDARD	5	12	01	1	COM	0.0001	0.0000	0.0000
MD9025	DEP	STANDARD	5	12	01	2	COM	0.0001	0.0000	0.0000
MD9025	DEP	STANDARD	5	12	01	3	COM	0.0000	0.0000	0.0000
MD9025	DEP	STANDARD	5	12	01	4	COM	0.0000	0.0000	0.0000

MD9025	DEP	STANDARD	5	30	01	0	COM	0.0010	0.0000	0.0000
MD9025	DEP	STANDARD	5	30	01	1	COM	0.0006	0.0000	0.0000
MD9025	DEP	STANDARD	5	30	01	2	COM	0.0006	0.0000	0.0000
MD9025	DEP	STANDARD	5	30	01	3	COM	0.0002	0.0000	0.0000
MD9025	DEP	STANDARD	5	30	01	4	COM	0.0002	0.0000	0.0000
MU3001	APP	STANDARD	1	12	01	0	GA	0.0089	0.0006	0.0000
MU3001	APP	STANDARD	1	30	01	0	GA	0.0747	0.0050	0.0000
MU3001	DEP	STANDARD	1	12	01	0	GA	0.0032	0.0004	0.0001
MU3001	DEP	STANDARD	1	12	01	1	GA	0.0020	0.0002	0.0001
MU3001	DEP	STANDARD	1	12	01	2	GA	0.0020	0.0002	0.0001
MU3001	DEP	STANDARD	1	12	01	3	GA	0.0005	0.0001	0.0000
MU3001	DEP	STANDARD	1	12	01	4	GA	0.0005	0.0001	0.0000
MU3001	DEP	STANDARD	1	30	01	0	GA	0.0272	0.0029	0.0010
MU3001	DEP	STANDARD	1	30	01	1	GA	0.0167	0.0018	0.0006
MU3001	DEP	STANDARD	1	30	01	2	GA	0.0167	0.0018	0.0006
MU3001	DEP	STANDARD	1	30	01	3	GA	0.0045	0.0005	0.0002
MU3001	DEP	STANDARD	1	30	01	4	GA	0.0045	0.0005	0.0002
SD330	APP	STANDARD	1	12	01	0	COM	0.0006	0.0000	0.0000
SD330	APP	STANDARD	1	30	01	0	COM	0.0050	0.0000	0.0000
SD330	DEP	STANDARD	1	12	01	0	COM	0.0002	0.0000	0.0000
SD330	DEP	STANDARD	1	12	01	1	COM	0.0001	0.0000	0.0000
SD330	DEP	STANDARD	1	12	01	2	COM	0.0001	0.0000	0.0000
SD330	DEP	STANDARD	1	12	01	3	COM	0.0000	0.0000	0.0000
SD330	DEP	STANDARD	1	12	01	4	COM	0.0000	0.0000	0.0000
SD330	DEP	STANDARD	1	30	01	0	COM	0.0019	0.0000	0.0000
SD330	DEP	STANDARD	1	30	01	1	COM	0.0012	0.0000	0.0000
SD330	DEP	STANDARD	1	30	01	2	COM	0.0012	0.0000	0.0000
SD330	DEP	STANDARD	1	30	01	3	COM	0.0003	0.0000	0.0000
SD330	DEP	STANDARD	1	30	01	4	COM	0.0003	0.0000	0.0000

CASE RUNUP OPERATIONS

Night	Acft	RunupId	X(nmi)	Y(nmi)	Head	Thrust	Dur(sec)	Day	Evening
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CASE GRID DEFINITIONS

(hr)	Name	Type	X(km)	Y(km)	Ang(deg)	DisI(km)	DisJ(km)	NI	NJ	Thrsh	dAmb
0.00	CONTOUR	Contour	-5.9999	-5.0000	0.0	15.0001	10.0001	2	2	85.0	0.0

CASE RUN OPTIONS

Run Type : Single-Metric

NoiseMetric : LDEN

Do Terrain : Yes

Do Contour : Yes

Refinement : 10

Tolerance : 0.50

Low Cutoff : 50.0

High Cutoff : 80.0

Ground Type : All-Soft-Ground

Do Population : No

Do Locations : No

Do Standard : No

Do Detailed : No

Compute System Metrics:

DNL : No

CNEL : No

LAEQ : No

LAEQD : No

LAEQN : No

SEL : No

LAMAX : No

TALA : No

NEF : No

WECPNL : No

EPNL : No

PNLTM : No

TAPNL : No

CEXP : No

LCMAX : No

TALC : No