

DME DME Assessment Results for LEGOZ3 path BURGL_LEGOZ

Results Summary	
Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Bob CTR Graham
Project File:	C:\Users\Bob CTR Graham\Desktop\AREA NAV Projects and TARGETS Files\LAX\12-26-24_SOCAL_FINAL_PKGS\KCRQ_NFG LEGOZ3 STAR\20240429_LEGOZ3.TGS
Output File:	C:\Users\Bob CTR Graham\Desktop\AREA NAV Projects and TARGETS Files\LAX\12-26-24_SOCAL_FINAL_PKGS\KCRQ_NFG LEGOZ3 STAR\KCRQ [IFPA] LEGOZ3 20240429_1331 MST\BURGL_LEGOZ\KCRQ LEGOZ3 RNAV STAR BURGL LEGOZ 20240429_1331 MST.pdf
Procedure Name:	LEGOZ3
Software: DmeDmePlugin:	7.2.1
Date/Time:	04/29/2024 13:31 MST
Databases:	MITRE 3DEP 3 arcsec

Failures
No Failures

Warnings
No Warnings

Informational
No Informational

Notes For Flight Check
TACANS USED: NTD 110.60.

Flight Plan							
Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
BURGL	WP	N35° 39' 57.6800", W120° 06' 27.8600"	17000	VNAV	250	FLY_BY	TF
DOUIT	WP	N35° 17' 19.8900", W119° 49' 27.2600"	17000	VNAV	250	FLY_BY	TF
BLOXX	WP	N34° 15' 12.0000", W118° 49' 50.8000"	12000	VNAV	250	FLY_BY	TF
BLDIT	WP	N34° 06' 47.8700", W118° 45' 38.5300"	12000	VNAV	250	FLY_BY	TF
TANDY	WP	N33° 44' 47.6700", W118° 39' 29.0600"	12000	VNAV	250	FLY_BY	TF
NJAGO	WP	N33° 36' 24.4400", W118° 37' 43.3000"	6000	VNAV	250	FLY_BY	TF
LEGOZ	WP	N33° 27' 50.1200", W118° 35' 55.5700"	6000	VNAV	250	FLY_BY	TF

Flyability	
Flight Type:	RNAV_STAR
Selected Airport:	KCRQ [IFPA]
Climb Gradient:	None assigned
Speeds:	200 Ground Speed to 11000 FT
	240 Ground Speed to 18000 FT
	260 Ground Speed to 24000 FT
	340 Ground Speed above 24000 FT
Descent During a Turn:	Allowed
VNAV Mode:	Flight Plan

DME DME Assessment Results for LEGOZ3 path BURGL_LEGOZ

DME/DME	
RNP:	RNP 2
Flight Mode:	Manual
Line of Sight (DTED Level 0 Max):	Evaluated
Inertial Drift:	Enabled
Initial Drift:	0.558 NM
INS Drift Rate:	8.0 NM/Hour
Range Mode:	OSV
RNP Edges:	Evaluated
Min DME Range:	3.0 NM
DME Types:	DME, VOR-DME, VORTAC, TACAN
DME Include Angles:	30 to 150
Critical DMEs:	Allowed
DoD Facilities:	Included
Foreign Facilities:	Not included
High DMEs:	Included
Low DMEs:	Included
Terminal DMEs:	Included
Flight Check DMEs:	Not selected
Higher Altitudes:	Not Evaluated
Near Maximum Altitude:	Not Evaluated
Automatic ESVs:	Enabled
Disabled DMEs:	None

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	FLW	N35° 05' 35.1040", W119° 51' 56.0830"	16.0 E	40	L	IFPA	NO	Enabled	45.8 %	45.8 %
2	EHF	N35° 29' 04.3957", W119° 05' 50.2571"	14.0 E	130	H	IFPA	NO	Enabled	30 %	30 %
3	FIM	N34° 21' 24.0970", W118° 52' 52.6480"	15.0 E	40	L	IFPA	NO	Enabled	41.9 %	41.9 %
4	RZS	N34° 30' 34.3151", W119° 46' 15.5573"	14.0 E	130	H	IFPA	NO	Enabled	31.5 %	31.5 %
5	VTU	N34° 06' 53.7239", W119° 02' 56.9994"	15.0 E	40	L	IFPA	NO	Enabled	44.8 %	44.8 %
6	SMO	N34° 00' 37.5301", W118° 27' 22.9701"	15.0 E	40	L	IFPA	NO	Enabled	35.1 %	35.1 %
7	MOD	N37° 37' 38.5480", W120° 57' 28.3265"	17.0 E	130	DH	IFPA	NO	Enabled	3.3 %	3.3 %
8	GMN	N34° 48' 14.5030", W118° 51' 40.8970"	16.0 E	40	L	IFPA	NO	Enabled	21.6 %	21.6 %
9	NTD	N34° 07' 23.8299", W119° 07' 19.1248"	12.0 E	40	L	IFPA	NO	Enabled	48.7 %	48.7 %
10	SXC	N33° 22' 30.2010", W118° 25' 11.6750"	15.0 E	130	H	IFPA	NO	Enabled	10.9 %	10.9 %
11	CMA	N34° 12' 45.0757", W119° 05' 39.6787"	15.0 E	40	L	IFPA	NO	Enabled	7.5 %	7.5 %
12	AVE	N35° 38' 49.1120", W119° 58' 42.9800"	16.0 E	130	DH	IFPA	NO	Enabled	75.6 %	75.6 %
13	PRB	N35° 40' 20.8655", W120° 37' 37.5872"	16.0 E	40	L	IFPA	NO	Enabled	11.2 %	11.2 %
14	VNY	N34° 13' 26.4770", W118° 29' 30.2063"	15.0 E	40	L	IFPA	NO	Enabled	7.6 %	7.6 %
15	LHS	N34° 40' 58.7040", W118° 34' 36.9770"	15.0 E	130	H	IFPA	NO	Enabled	33.3 %	33.3 %
16	LAX	N33° 55' 59.3368", W118° 25' 55.2460"	15.0 E	130	H	IFPA	NO	Enabled	39.3 %	39.3 %
17	TTE	N35° 54' 46.9842", W119° 01' 14.9144"	16.0 E	130	DH	IFPA	NO	Enabled	82.3 %	82.2 %
18	SNS	N36° 39' 49.8148", W121° 36' 11.4629"	17.0 E	130	H	IFPA	NO	Enabled	4 %	4 %

DME DME Assessment Results for LEGOZ3 path BURGL_LEGOZ

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	FLW	TTE	PRB	EHF	MOD	SNS
4.7	FLW	TTE	EHF	PRB	SNS	
6.3	FLW	TTE	EHF	AVE	PRB	
7.2	FLW	TTE	EHF	PRB		
7.2	FLW	TTE	AVE	PRB	EHF	
17.4	FLW	EHF	AVE	TTE		
30.4	AVE	TTE				
30.9	AVE	TTE	FLW			
31.3	EHF	AVE	TTE	FLW		
39.6	EHF	AVE	FLW	RZS	TTE	
47.4	FLW	TTE	AVE			
47.6	FLW	RZS	TTE	AVE		
49.0	FLW	TTE	AVE			
49.4	FLW	RZS	TTE	AVE		
50.3	FLW	TTE	AVE			
51.3	FLW	TTE	RZS	AVE		
66.3	RZS	AVE	LHS	TTE	FLW	
71.4	RZS	AVE	VTU	NTD	LHS	TTE
90.0	FIM	LHS	GMN	AVE	NTD	VTU
96.9	LAX	LHS	NTD	VTU	AVE	GMN
111.0	GMN	NTD	VNY	CMA	LHS	FIM
111.5	CMA	LHS	VNY	FIM	SMO	NTD
113.4	VNY	FIM	SMO	LHS	NTD	LAX
117.8	VNY	FIM	LAX	NTD	SMO	AVE
118.9	SMO	FIM	NTD	TTE	LAX	AVE
121.2	SMO	FIM	LAX	NTD	TTE	VTU
123.1	SMO	FIM	LAX	TTE	VTU	
127.1	SMO	FIM	LAX	VTU	NTD	
138.4	NTD	LAX	VTU	SMO	SXC	
143.9	VTU	LAX	SXC	SMO		
147.2	SXC	LAX	SMO			

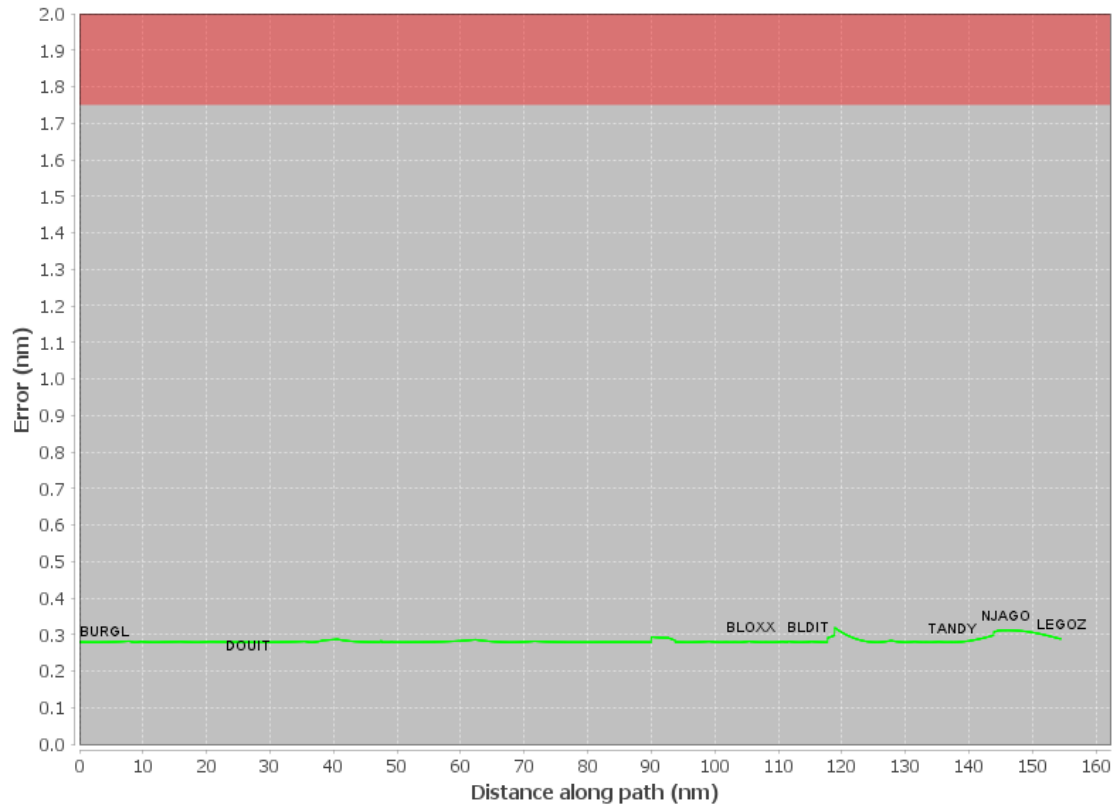
Inertial Drift Segments			
#	Start Location	End Location	Length [NM]

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
BURGL	DOUIT	FLW, AVE, PRB, EHF, MOD, TTE, SNS	
DOUIT	BLOXX	VNY, EHF, LAX, TTE, GMN, RZS, FIM, FLW, AVE, SMO, LHS, VTU, CMA, NTD	
BLOXX	BLDIT	AVE, VNY, LAX, SMO, TTE, VTU, CMA, LHS, GMN, FIM, NTD	
BLDIT	TANDY	VNY, AVE, LAX, SMO, TTE, LHS, VTU, FIM, NTD	
TANDY	NJAGO	LAX, SMO, VTU, FIM, NTD, SXC	
NJAGO	LEGOZ	LAX, SMO, VTU, SXC	

User Data Files								
#	File Name							
	None							
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	CMA CMA [IFPA]	N34° 12' 45.0757", W119° 05' 39.6787"	15.0 E	40	62.9	115.8	CMA	
	ESV:	Bearing [True]: 263.0° to 276.0° Bearing [Mag]: 248.0° to 261.0°				Arc Distance: Out to 44.0 NM Altitude: 5000.0 to 18100.0 ft		

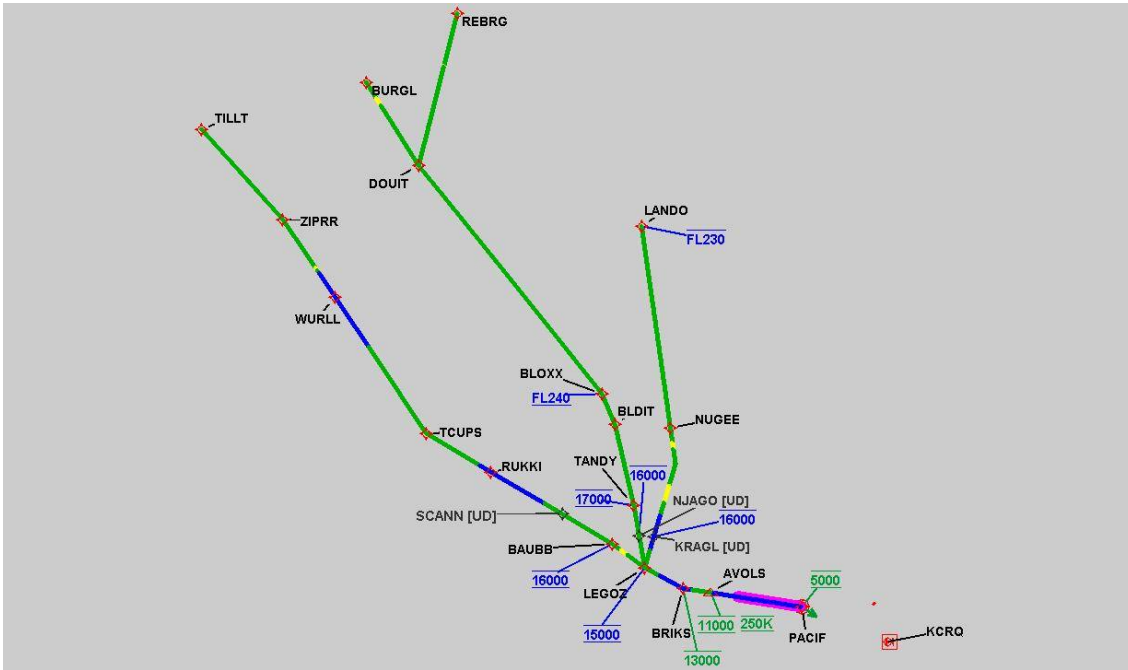
DME DME Assessment Results for LEGOZ3 path BURGL_LEGOZ

DME Error



DME DME Assessment Results for LEGOZ3 path BURGL_LEGOZ

Graphic Depiction 1



DME DME Assessment Results for LEGOZ3 path LANDO_LEGOZ

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Bob CTR Graham
Project File:	C:\Users\Bob CTR Graham\Desktop\AREA NAV Projects and TARGETS Files\LAX\12-26-24_SOCAL_FINAL_PKGS\KCRQ_NFG LEGOZ3 STAR\20240429_LEGOZ3.TGS
Output File:	C:\Users\Bob CTR Graham\Desktop\AREA NAV Projects and TARGETS Files\LAX\12-26-24_SOCAL_FINAL_PKGS\KCRQ_NFG LEGOZ3 STAR\KCRQ [IFPA] LEGOZ3 20240429_1331 MST\LANDO_LEGOZ\KCRQ LEGOZ3 RNAV STAR LANDO LEGOZ 20240429_1331 MST.pdf
Procedure Name:	LEGOZ3
Software: DmeDmePlugin:	7.2.1
Date/Time:	04/29/2024 13:31 MST
Databases:	MITRE 3DEP 3 arcsec

Failures

No Failures

Warnings

No Warnings

Informational

No Informational

Notes For Flight Check

TACANS USED: NTD 110.60.

Flight Plan

Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
LANDO	WP	N35° 00' 44.7400", W118° 36' 58.9400"	12000	VNAV	250	FLY_BY	TF
NUGEE	WP	N34° 05' 54.5300", W118° 27' 35.7700"	12000	VNAV	250	FLY_BY	TF
LAX	WP	N33° 55' 59.3368", W118° 25' 55.2460"	12000	VNAV	250	FLY_BY	TF
KRAGL	WP	N33° 36' 11.5200", W118° 32' 58.0900"	6000	VNAV	250	FLY_BY	TF
LEGOZ	WP	N33° 27' 50.1200", W118° 35' 55.5700"	6000	VNAV	250	FLY_BY	TF

Flyability

Flight Type:	RNAV_STAR
Selected Airport:	KCRQ [IFPA]
Climb Gradient:	None assigned
Speeds:	200 Ground Speed to 11000 FT
	240 Ground Speed to 18000 FT
	260 Ground Speed to 24000 FT
	340 Ground Speed above 24000 FT
Descent During a Turn:	Allowed
VNAV Mode:	Flight Plan

DME DME Assessment Results for LEGOZ3 path LANDO_LEGOZ

DME/DME	
RNP:	RNP 2
Flight Mode:	Manual
Line of Sight (DTED Level 0 Max):	Evaluated
Inertial Drift:	Enabled
Initial Drift:	0.558 NM
INS Drift Rate:	8.0 NM/Hour
Range Mode:	OSV
RNP Edges:	Evaluated
Min DME Range:	3.0 NM
DME Types:	DME, VOR-DME, VORTAC, TACAN
DME Include Angles:	30 to 150
Critical DMEs:	Allowed
DoD Facilities:	Included
Foreign Facilities:	Not included
High DMEs:	Included
Low DMEs:	Included
Terminal DMEs:	Included
Flight Check DMEs:	Not selected
Higher Altitudes:	Not Evaluated
Near Maximum Altitude:	Not Evaluated
Automatic ESVs:	Enabled
Disabled DMEs:	None

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	EHF	N35° 29' 04.3957", W119° 05' 50.2571"	14.0 E	130	H	IFPA	NO	Enabled	1.2 %	1.2 %
2	PMD	N34° 37' 53.0341", W118° 03' 49.7607"	15.0 E	130	H	IFPA	NO	Enabled	33.4 %	33.4 %
3	FIM	N34° 21' 24.0970", W118° 52' 52.6480"	15.0 E	40	L	IFPA	NO	Enabled	73.9 %	73.9 %
4	POM	N34° 04' 42.1962", W117° 47' 13.4633"	15.0 E	40	L	IFPA	NO	Enabled	32 %	32 %
5	VTU	N34° 06' 53.7239", W119° 02' 56.9994"	15.0 E	40	L	IFPA	NO	Enabled	41.1 %	41.1 %
6	SMO	N34° 00' 37.5301", W118° 27' 22.9701"	15.0 E	40	L	IFPA	NO	Enabled	49.6 %	49.6 %
7	GMN	N34° 48' 14.5030", W118° 51' 40.8970"	16.0 E	40	L	IFPA	NO	Enabled	49.1 %	49.1 %
8	NTD	N34° 07' 23.8299", W119° 07' 19.1248"	12.0 E	40	L	IFPA	NO	Enabled	23.1 %	23.1 %
9	SXC	N33° 22' 30.2010", W118° 25' 11.6750"	15.0 E	130	H	IFPA	NO	Enabled	7.2 %	7.2 %
10	AVE	N35° 38' 49.1120", W119° 58' 42.9800"	16.0 E	130	DH	IFPA	NO	Enabled	43.7 %	43.7 %
11	VNY	N34° 13' 26.4770", W118° 29' 30.2063"	15.0 E	40	L	IFPA	NO	Enabled	31.7 %	31.7 %
12	LHS	N34° 40' 58.7040", W118° 34' 36.9770"	15.0 E	130	H	IFPA	NO	Enabled	54.9 %	54.9 %
13	LAX	N33° 55' 59.3368", W118° 25' 55.2460"	15.0 E	130	H	IFPA	NO	Enabled	55.8 %	55.8 %
14	TTE	N35° 54' 46.9842", W119° 01' 14.9144"	16.0 E	130	DH	IFPA	NO	Enabled	67.8 %	67.8 %

DME DME Assessment Results for LEGOZ3 path LANDO_LEGOZ

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	GMN	PMD	EHF	AVE	TTE	LHS
1.2	GMN	PMD	TTE	AVE	LHS	
16.0	PMD	FIM	GMN	AVE	TTE	
29.8	GMN	VTU	FIM	LHS	LAX	VNY
44.1	NTD	LHS	LAX	VTU	GMN	SMO
46.3	NTD	LHS	LAX	SMO	GMN	POM
46.5	NTD	LHS	LAX	SMO	POM	FIM
53.5	POM	SMO	LAX	LHS	VNY	TTE
57.7	POM	LAX	LHS	VNY	TTE	FIM
59.7	POM	LAX	VNY	VTU	TTE	FIM
62.3	POM	VNY	VTU	FIM	TTE	
64.2	POM	SMO	VNY	VTU	FIM	
65.6	POM	SMO	FIM	VTU		
68.4	VTU	LAX	POM	SMO	FIM	
70.4	VTU	LAX	POM	SMO		
71.5	POM	FIM	VTU	LAX	SMO	
75.2	NTD	LAX	POM	SXC	VTU	SMO
76.1	VTU	LAX	SMO			
76.6	VTU	LAX	SMO	SXC		
77.0	VTU	LAX	SMO			
79.8						
89.8	SXC	LAX				
90.5	SXC	LAX	SMO			

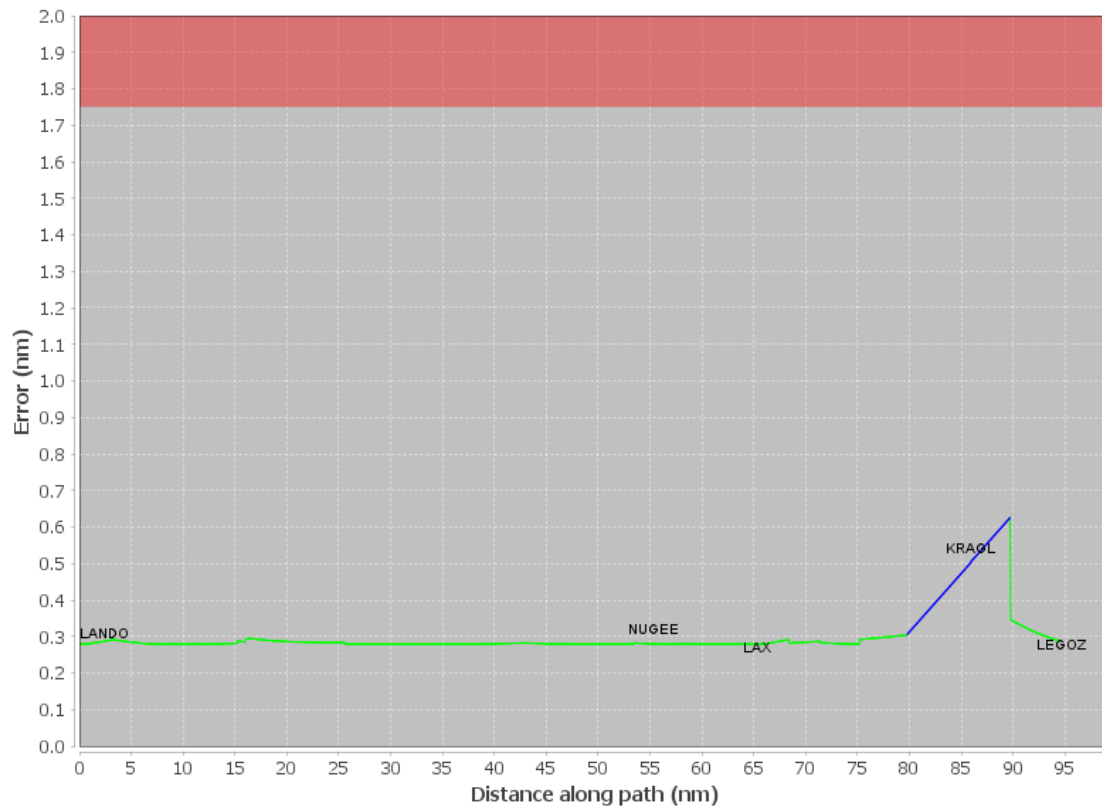
Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N33° 42' 03.5142", W118° 30' 53.1403"	N33° 32' 28.6857", W118° 34' 17.0403"	9.9847

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
LANDO	NUGEE	VNY, EHF, LAX, TTE, PMD, GMN, FIM, POM, AVE, SMO, LHS, VTU, NTD	
NUGEE	LAX	VNY, LAX, SMO, TTE, LHS, VTU, FIM, POM	
LAX	KRAGL	VNY, LAX, SMO, VTU, FIM, POM, SXC, NTD	
KRAGL	LEGOZ	LAX, SMO, SXC	

User Data Files								
#	File Name							
None								
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	CMA CMA [IFPA]	N34° 12' 45.0757", W119° 05' 39.6787"	15.0 E	40	62.9	115.8	CMA	
ESV:		Bearing [True]: 263.0° to 276.0° Bearing [Mag]: 248.0° to 261.0°			Arc Distance: Out to 44.0 NM Altitude: 5000.0 to 18100.0 ft			

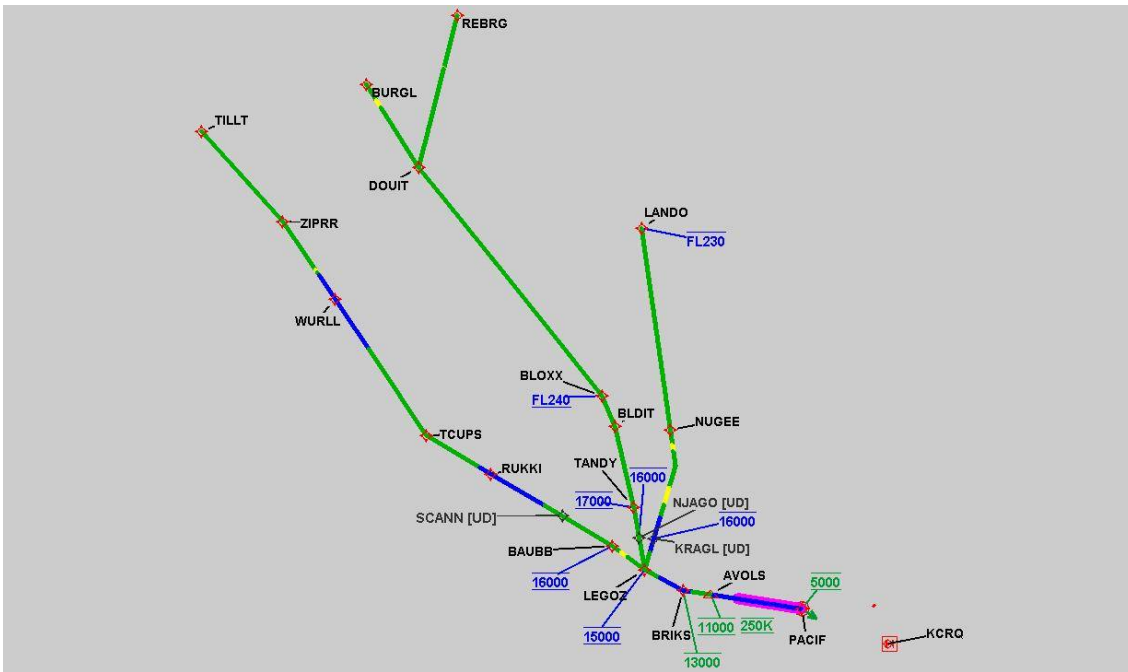
DME DME Assessment Results for LEGOZ3 path LANDO_LEGOZ

DME Error



DME DME Assessment Results for LEGOZ3 path LANDO_LEGOZ

Graphic Depiction 1



DME DME Assessment Results for LEGOZ3 path REBRG_DOUIT

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Bob CTR Graham
Project File:	C:\Users\Bob CTR Graham\Desktop\AREA NAV Projects and TARGETS Files\LAX\12-26-24_SOCAL_FINAL_PKGS\KCRQ_NFG LEGOZ3 STAR\20240429_LEGOZ3.TGS
Output File:	C:\Users\Bob CTR Graham\Desktop\AREA NAV Projects and TARGETS Files\LAX\12-26-24_SOCAL_FINAL_PKGS\KCRQ_NFG LEGOZ3 STAR\KCRQ [IFPA] LEGOZ3 20240429_1331 MST\REBRG_DOUIT\KCRQ LEGOZ3 RNAV STAR REBRG DOUIT 20240429_1331 MST.pdf
Procedure Name:	LEGOZ3
Software: DmeDmePlugin:	7.2.1
Date/Time:	04/29/2024 13:31 MST
Databases:	MITRE 3DEP 3 arcsec

Failures

No Failures

Warnings

No Warnings

Informational

No Informational

Notes For Flight Check

TACANS USED: NTD 110.60.

Flight Plan

Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
REBRG	WP	N35° 58' 53.0000", W119° 36' 53.0000"	17000	VNAV	250	FLY_BY	TF
DOUIT	WP	N35° 17' 19.8900", W119° 49' 27.2600"	17000	VNAV	250	FLY_BY	TF

Flyability

Flight Type:	RNAV_STAR
Selected Airport:	KCRQ [IFPA]
Climb Gradient:	None assigned
Speeds:	200 Ground Speed to 11000 FT
	240 Ground Speed to 18000 FT
	260 Ground Speed to 24000 FT
	340 Ground Speed above 24000 FT
Descent During a Turn:	Allowed
VNAV Mode:	Flight Plan

DME DME Assessment Results for LEGOZ3 path REBRG_DOUIT

DME/DME	
RNP:	RNP 2
Flight Mode:	Manual
Line of Sight (DTED Level 0 Max):	Evaluated
Inertial Drift:	Enabled
Initial Drift:	0.558 NM
INS Drift Rate:	8.0 NM/Hour
Range Mode:	OSV
RNP Edges:	Evaluated
Min DME Range:	3.0 NM
DME Types:	DME, VOR-DME, VORTAC, TACAN
DME Include Angles:	30 to 150
Critical DMEs:	Allowed
DoD Facilities:	Included
Foreign Facilities:	Not included
High DMEs:	Included
Low DMEs:	Included
Terminal DMEs:	Included
Flight Check DMEs:	Not selected
Higher Altitudes:	Not Evaluated
Near Maximum Altitude:	Not Evaluated
Automatic ESVs:	Enabled
Disabled DMEs:	None

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	FLW	N35° 05' 35.1040", W119° 51' 56.0830"	16.0 E	40	L	IFPA	NO	Enabled	65.3 %	65.3 %
2	EHF	N35° 29' 04.3957", W119° 05' 50.2571"	14.0 E	130	H	IFPA	NO	Enabled	100 %	100 %
3	MOD	N37° 37' 38.5480", W120° 57' 28.3265"	17.0 E	130	DH	IFPA	NO	Enabled	30.5 %	30.5 %
4	TTE	N35° 54' 46.9842", W119° 01' 14.9144"	16.0 E	130	DH	IFPA	NO	Enabled	100 %	100 %
5	AVE	N35° 38' 49.1120", W119° 58' 42.9800"	16.0 E	130	DH	IFPA	NO	Enabled	100 %	100 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	EHF	AVE	TTE	MOD		
13.0	EHF	AVE	TTE			
14.8	FLW	EHF	TTE	AVE	MOD	
15.0	FLW	EHF	TTE	AVE		

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
REBRG	DOUIT	AVE, FLW, EHF, MOD, TTE	

DME DME Assessment Results for LEGOZ3 path REBRG_DOUIT

User Data Files

#	File Name
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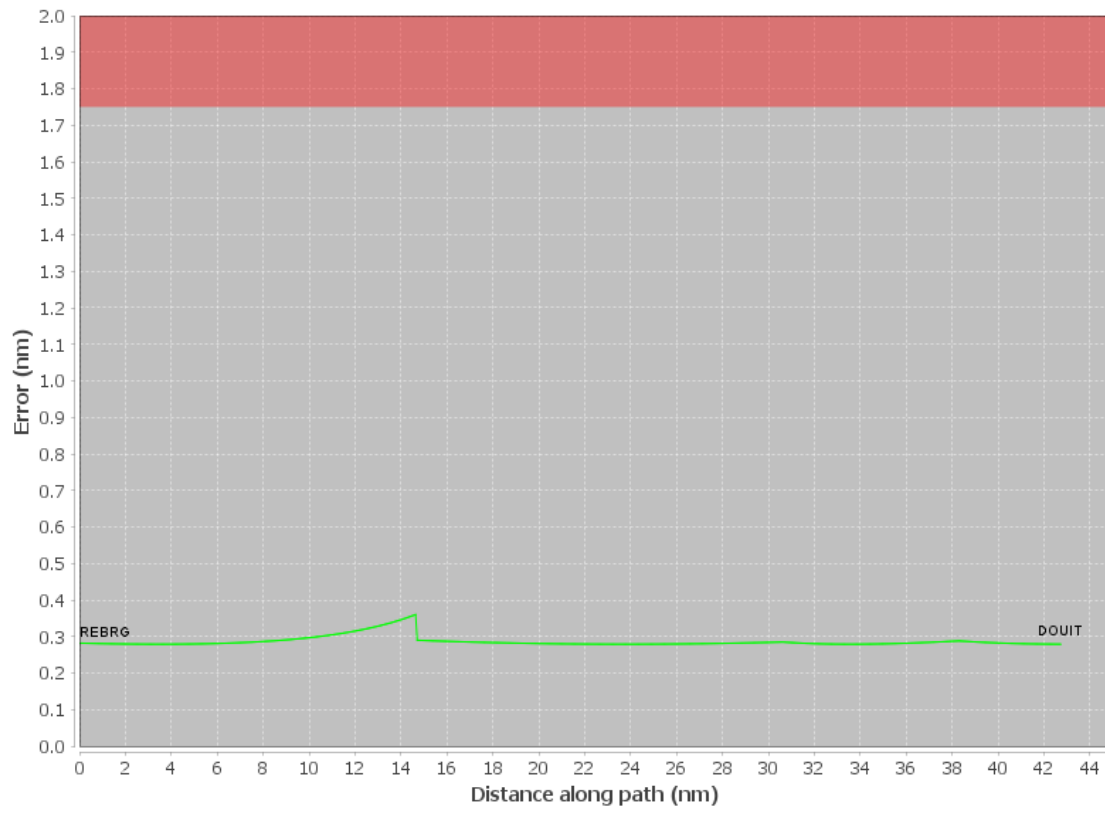
None

User DMEs

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	CMA CMA [IFPA]	N34° 12' 45.0757", W119° 05' 39.6787"	15.0 E	40	62.9	115.8	CMA	
		ESV:	Bearing [True]: 263.0° to 276.0° Bearing [Mag]: 248.0° to 261.0°			Arc Distance: Out to 44.0 NM Altitude: 5000.0 to 18100.0 ft		

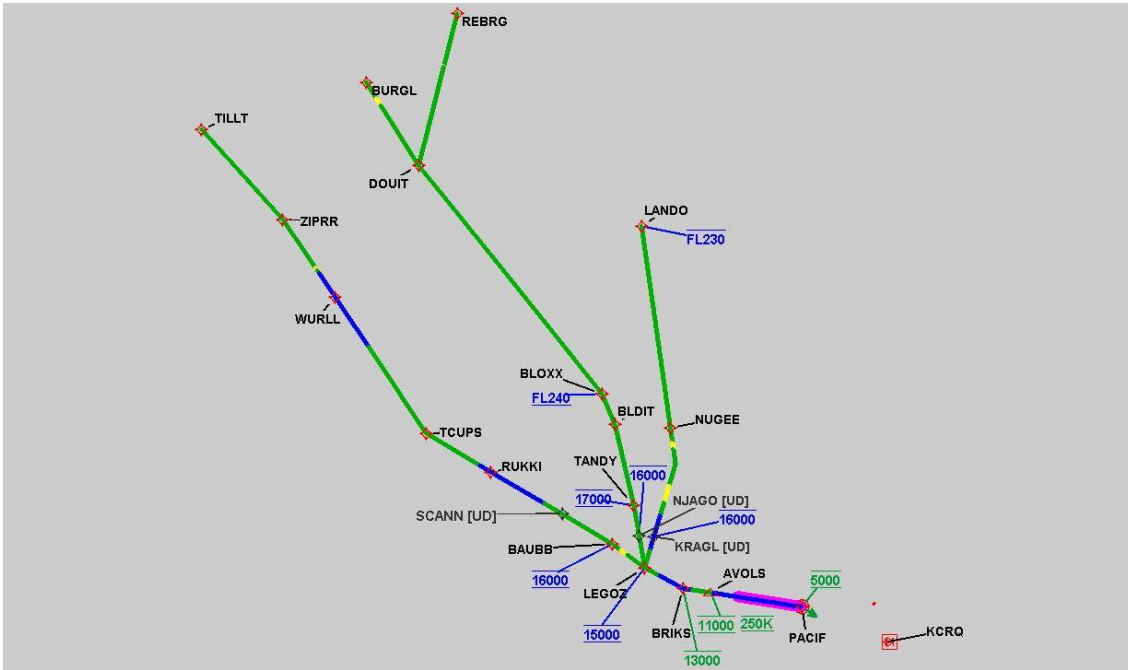
DME DME Assessment Results for LEGOZ3 path REBRG_DOUIT

DME Error



DME DME Assessment Results for LEGOZ3 path REBRG_DOUIT

Graphic Depiction 1



DME DME Assessment Results for LEGOZ3 path TILLT_PACIF

Results Summary	
Flyability:	Completed
DME/DME:	Completed - 1 Critical DMEs: SXC
Name:	Bob CTR Graham
Project File:	C:\Users\Bob CTR Graham\Desktop\AREA NAV Projects and TARGETS Files\LAX\12-26-24_SOCAL_FINAL_PKGS\KCRQ_NFG LEGOZ3 STAR\20240429_LEGOZ3.TGS
Output File:	C:\Users\Bob CTR Graham\Desktop\AREA NAV Projects and TARGETS Files\LAX\12-26-24_SOCAL_FINAL_PKGS\KCRQ_NFG LEGOZ3 STAR\KCRQ [IFPA] LEGOZ3 20240429_1331 MST\TILLT_PACIF\KCRQ LEGOZ3 RNAV STAR TILLT PACIF 20240429_1331 MST.pdf
Procedure Name:	LEGOZ3
Software: DmeDmePlugin:	7.2.1
Date/Time:	04/29/2024 13:31 MST
Databases:	MITRE 3DEP 3 arcsec

Failures
No Failures

Warnings
EXCEEDED_DRIFT_TIME SXC is critical

Informational
No Informational

Notes For Flight Check
TACANS USED: NTD 110.60.

Flight Plan							
Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
TILLT	WP	N35° 27' 13.2200", W121° 00' 03.5100"	16000	VNAV	250	FLY_BY	TF
ZIPRR	WP	N35° 02' 44.5300", W120° 33' 42.8600"	16000	VNAV	250	FLY_BY	TF
WURLL	WP	N34° 41' 33.8700", W120° 16' 36.1700"	6000	VNAV	250	FLY_BY	TF
TCUPS	WP	N34° 04' 31.0500", W119° 47' 09.6400"	6000	VNAV	250	FLY_BY	TF
RUKKI	WP	N33° 53' 53.0000", W119° 25' 59.0000"	6000	VNAV	250	FLY_BY	TF
SCANN	WP	N33° 42' 29.5723", W119° 02' 46.0541"	6000	VNAV	250	FLY_BY	TF
BAUBB	WP	N33° 34' 18.0000", W118° 46' 29.1100"	6000	VNAV	250	FLY_BY	TF
LEGOZ	WP	N33° 27' 50.1200", W118° 35' 55.5700"	6000	VNAV	250	FLY_BY	TF
BRIKS	WP	N33° 22' 12.4200", W118° 23' 26.3600"	13000	VNAV	250	FLY_BY	TF
AVOLS	WP	N33° 21' 06.4600", W118° 14' 30.6200"	11000	VNAV	250	FLY_BY	TF
PACIF	WP	N33° 17' 09.1900", W117° 44' 52.9200"	5000	VNAV	250	FLY_OVER	TF

DME DME Assessment Results for LEGOZ3 path TILLT_PACIF

Flyability	
Flight Type:	RNAV_STAR
Selected Airport:	KCRQ [IFPA]
Climb Gradient:	None assigned
Speeds:	200 Ground Speed to 11000 FT
	240 Ground Speed to 18000 FT
	260 Ground Speed to 24000 FT
	340 Ground Speed above 24000 FT
Descent During a Turn:	Allowed
VNAV Mode:	Flight Plan

DME/DME	
RNP:	RNP 2
Flight Mode:	Manual
Line of Sight (DTED Level 0 Max):	Evaluated
Inertial Drift:	Enabled
Initial Drift:	0.558 NM
INS Drift Rate:	8.0 NM/Hour
Range Mode:	OSV
RNP Edges:	Evaluated
Min DME Range:	3.0 NM
DME Types:	DME, VOR-DME, VORTAC, TACAN
DME Include Angles:	30 to 150
Critical DMEs:	Allowed
DoD Facilities:	Included
Foreign Facilities:	Not included
High DMEs:	Included
Low DMEs:	Included
Terminal DMEs:	Included
Flight Check DMEs:	Not selected
Higher Altitudes:	Not Evaluated
Near Maximum Altitude:	Not Evaluated
Automatic ESVs:	Enabled
Disabled DMEs:	None

DME DME Assessment Results for LEGOZ3 path TILLT_PACIF

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	FLW	N35° 05' 35.1040", W119° 51' 56.0830"	16.0 E	40	L	IFPA	NO	Enabled	10 %	10 %
2	EHF	N35° 29' 04.3957", W119° 05' 50.2571"	14.0 E	130	H	IFPA	NO	Enabled	15.9 %	15.9 %
3	RZS	N34° 30' 34.3151", W119° 46' 15.5573"	14.0 E	130	H	IFPA	NO	Enabled	22.8 %	22.8 %
4	VTU	N34° 06' 53.7239", W119° 02' 56.9994"	15.0 E	40	L	IFPA	NO	Enabled	20.1 %	20.1 %
5	SMO	N34° 00' 37.5301", W118° 27' 22.9701"	15.0 E	40	L	IFPA	NO	Enabled	16.1 %	16.1 %
6	NTD	N34° 07' 23.8299", W119° 07' 19.1248"	12.0 E	40	L	IFPA	NO	Enabled	21.1 %	21.1 %
7	NSI	N33° 14' 06.2800", W119° 27' 30.2300"	12.0 E	40	L	IFPA	NO	Enabled	5.3 %	5.3 %
8	SXC	N33° 22' 30.2010", W118° 25' 11.6750"	15.0 E	130	H	IFPA	YES	Enabled	18.1 %	18.1 %
9	CMA	N34° 12' 45.0757", W119° 05' 39.6787"	15.0 E	40	L	IFPA	NO	Enabled	2.2 %	2.2 %
10	AVE	N35° 38' 49.1120", W119° 58' 42.9800"	16.0 E	130	DH	IFPA	NO	Enabled	19.7 %	19.7 %
11	PRB	N35° 40' 20.8655", W120° 37' 37.5872"	16.0 E	40	L	IFPA	NO	Enabled	15 %	15 %
12	MQO	N35° 15' 08.1183", W120° 45' 34.4394"	16.0 E	40	L	IFPA	NO	Enabled	19.6 %	19.6 %
13	GVO	N34° 31' 52.7526", W120° 05' 27.9178"	16.0 E	130	H	IFPA	NO	Enabled	22.6 %	22.7 %
14	LAX	N33° 55' 59.3368", W118° 25' 55.2460"	15.0 E	130	H	IFPA	NO	Enabled	19.5 %	19.5 %
15	TTE	N35° 54' 46.9842", W119° 01' 14.9144"	16.0 E	130	DH	IFPA	NO	Enabled	22.7 %	22.8 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	MQO	PRB	AVE	TTE	EHF	
12.2	EHF	PRB	AVE	TTE		
19.8	MQO	AVE	EHF	PRB	TTE	
32.3	MQO	AVE	GVO	EHF	TTE	FLW
34.5	MQO	AVE	GVO	TTE	FLW	
42.7	MQO	FLW	GVO	TTE		
45.6	MQO	FLW	GVO	RZS	TTE	
47.7	MQO	FLW	RZS	TTE		
48.3	MQO	FLW	GVO	RZS	TTE	
49.3	MQO	FLW	RZS			
50.2						
74.2	GVO	RZS				
90.8	CMA	RZS	GVO			
95.6	NTD	RZS	GVO			
102.4	VTU	RZS	NTD	GVO		
106.6	VTU	RZS	NTD			
119.3						
139.8	NTD	LAX	VTU	NSI		
141.2	NTD	LAX	SMO	VTU	NSI	
151.3	NTD	LAX	SMO	SXC	VTU	
162.0	SXC	LAX	SMO	VTU		
166.5	SXC	LAX	SMO			
176.2	SXC	LAX				
176.7						
186.5	SXC	LAX				
192.0						

DME DME Assessment Results for LEGOZ3 path TILLT_PACIF

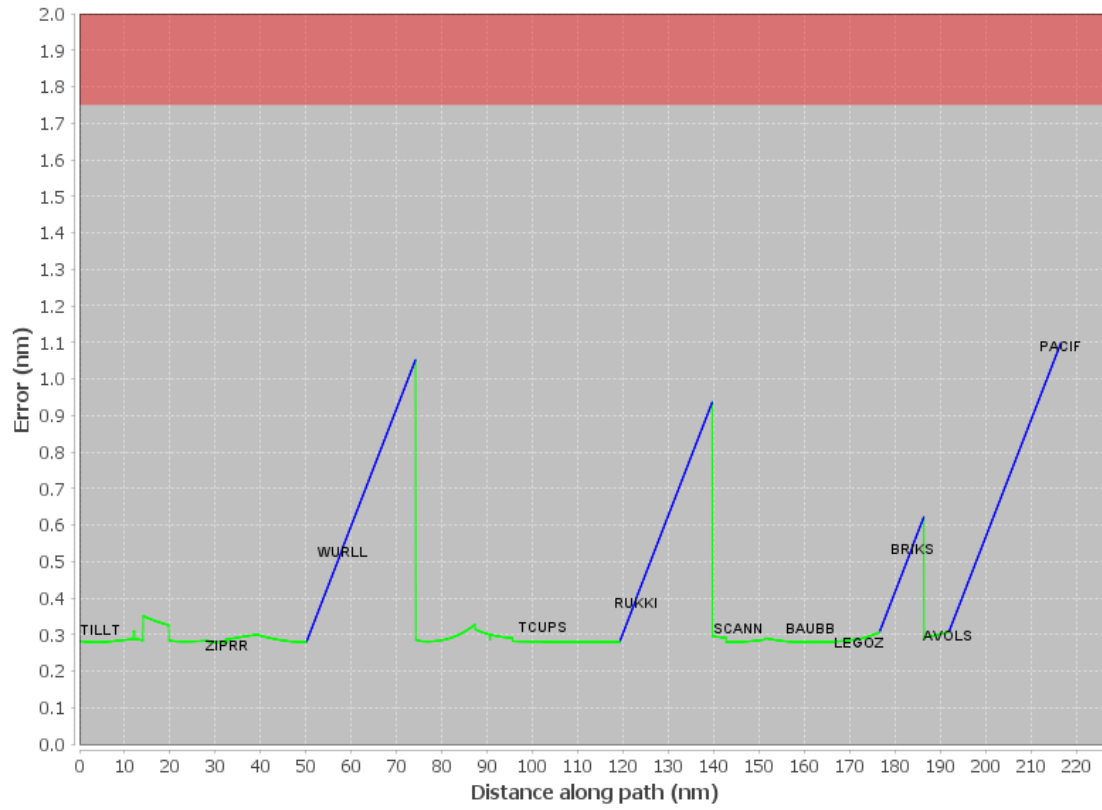
Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N34° 48' 06.4421", W120° 21' 52.2184"	N34° 27' 59.4538", W120° 05' 45.2413"	24.0898
2	N33° 55' 42.8244", W119° 29' 36.8158"	N33° 45' 18.7277", W119° 08' 29.4197"	20.4245
3	N33° 25' 39.9292", W118° 31' 06.2103"	N33° 21' 50.7061", W118° 20' 29.3935"	9.7707
4	N33° 21' 01.9514", W118° 13' 56.3141"	N33° 17' 09.1900", W117° 44' 52.9200"	24.6547

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
TILLT	ZIPRR	AVE, FLW, PRB, GVO, EHF, TTE, MQO	
ZIPRR	WURLL	FLW, AVE, GVO, PRB, EHF, TTE, MQO, RZS	
WURLL	TCUPS	GVO, CMA, RZS, NTD	
TCUPS	RUKKI	GVO, VTU, RZS, NTD	
RUKKI	SCANN	LAX, SMO, NSI, VTU, NTD, SXC	
SCANN	BAUBB	LAX, SMO, NSI, VTU, NTD, SXC	
BAUBB	LEGOZ	LAX, SMO, VTU, NTD, SXC	
LEGOZ	BRIKS	LAX, SMO, SXC	
BRIKS	AVOLS	LAX, SXC	
AVOLS	PACIF	LAX, SXC	

User Data Files								
#	File Name							
None								
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	CMA CMA [IFPA]	N34° 12' 45.0757", W119° 05' 39.6787"	15.0 E	40	62.9	115.8	CMA	
ESV:		Bearing [True]: 263.0° to 276.0° Bearing [Mag]: 248.0° to 261.0°				Arc Distance: Out to 44.0 NM Altitude: 5000.0 to 18100.0 ft		

DME DME Assessment Results for LEGOZ3 path TILLT_PACIF

DME Error



DME DME Assessment Results for LEGOZ3 path TILLT_PACIF

Graphic Depiction 1

