

DME DME Assessment Results for PITBL2 path HEC_LCLRK

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Guy R Copeland
Project File:	H:\Terps Robbie\Projects\CA\CA_SBA_STAR_8-7-25\SBA_RSTAR_PITBL_2\CA_KSBA_STAR_PITBL TWO RNAV_DATA\20241230 KSBA PITBL STAR.tgs
Output File:	H:\Terps Robbie\Projects\CA\CA_SBA_STAR_8-7-25\SBA_RSTAR_PITBL_2\CA_KSBA_STAR_PITBL TWO RNAV_DATA\KSBA [IFPA] PITBL2 20250128_1106 EST\HEC_LCLRK\KSBA PITBL2 RNAV STAR HEC LCLRK 20250128_1106 EST.pdf
Procedure Name:	PITBL2
Software: DmeDmePlugin:	7.4.1
Date/Time:	01/28/2025 11:06 EST
Databases:	MITRE 3DEP 3 arcsec

Failures

No Failures

Warnings

No Warnings

Informational

No Informational

Notes For Flight Check

None

Flight Plan

Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
HEC	WP	N34° 47' 49.2645", W116° 27' 46.5193"	19000	VNAV	260	FLY_BY	TF
FRIRR	WP	N34° 30' 00.4200", W118° 22' 42.5200"	19000	VNAV	260	FLY_BY	TF
HMBOY	WP	N34° 22' 17.7500", W118° 50' 30.1200"	15000	VNAV	260	FLY_BY	TF
PITBL_	WP	N34° 21' 11.1100", W119° 06' 35.8000"	15000	VNAV	260	FLY_BY	TF
TELLA	WP	N34° 22' 14.3200", W119° 29' 41.5100"	9000	VNAV	260	FLY_BY	TF
STBBZ	WP	N34° 22' 18.0000", W119° 40' 48.0000"	9000	VNAV	260	FLY_BY	TF
HHOME_	WP	N34° 21' 32.2396", W119° 50' 34.6685"	9000	VNAV	260	FLY_BY	TF
LCLRK	WP	N34° 20' 28.2940", W120° 10' 09.5234"	4000	VNAV	260	FLY_OVER	TF

Flyability

Flight Type:	RNAV_STAR
Selected Airport:	KSBA [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

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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
DME Include Angles:	30 to 150
Critical DMEs:	Allowed
DoD Facilities:	Not 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:	Not enabled
Disabled DMEs:	None

DME DME Assessment Results for PITBL2 path HEC_LCLRK

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	GVO	N34° 31' 52.7526", W120° 05' 27.9178"	16.0 E	130	H		NO	Enabled	12.6 %	12.6 %
2	EHF	N35° 29' 04.3957", W119° 05' 50.2571"	14.0 E	130	H		NO	Enabled	46.2 %	46.2 %
3	LAX	N33° 55' 59.3368", W118° 25' 55.2460"	15.0 E	130	H		NO	Enabled	62 %	62 %
4	PGY	N32° 36' 37.2239", W116° 58' 44.7601"	14.0 E	130	H		NO	Enabled	21 %	21 %
5	TTE	N35° 54' 46.9842", W119° 01' 14.9144"	16.0 E	130	DH		NO	Enabled	48.3 %	48.3 %
6	RZS	N34° 30' 34.3151", W119° 46' 15.5573"	14.0 E	130	H		NO	Enabled	43.9 %	43.9 %
7	TRM	N33° 37' 41.1477", W116° 09' 36.6968"	13.0 E	130	H		NO	Enabled	23.8 %	23.8 %
8	GFS	N35° 07' 52.1230", W115° 10' 35.1850"	15.0 E	130	H		NO	Enabled	16 %	16 %
9	LHS	N34° 40' 58.7040", W118° 34' 36.9770"	15.0 E	130	H		NO	Enabled	38.8 %	38.8 %
10	VTU	N34° 06' 53.7239", W119° 02' 56.9994"	15.0 E	40	L		NO	Enabled	32.1 %	32.1 %
11	CMA	N34° 12' 45.0757", W119° 05' 39.6787"	15.0 E	40	L		NO	Enabled	2.2 %	2.2 %
12	GOG	N35° 53' 39.3000", W115° 29' 45.9000"	0.0 E	130	DH		NO	Enabled	30.2 %	30.2 %
13	VNY	N34° 13' 26.4770", W118° 29' 30.2063"	15.0 E	40	L		NO	Enabled	5.4 %	5.4 %
14	EED	N34° 45' 57.6150", W114° 28' 26.7750"	15.0 E	130	H		NO	Enabled	12.9 %	12.9 %
15	PMD	N34° 37' 53.0341", W118° 03' 49.7607"	15.0 E	130	H		NO	Enabled	51.6 %	51.6 %
16	PDZ	N33° 55' 06.0128", W117° 31' 47.9897"	15.0 E	130	H		NO	Enabled	53.7 %	53.7 %
17	HEC	N34° 47' 49.2645", W116° 27' 46.5193"	15.0 E	130	H		NO	Enabled	39.5 %	39.5 %
18	GMN	N34° 48' 14.5030", W118° 51' 40.8970"	16.0 E	40	L		NO	Enabled	27.3 %	27.3 %
19	DAG	N34° 57' 44.8450", W116° 34' 41.3990"	15.0 E	40	L		NO	Enabled	22 %	22 %
20	FIM	N34° 21' 24.0970", W118° 52' 52.6480"	15.0 E	40	L		NO	Enabled	32.4 %	32.4 %
21	AVE	N35° 38' 49.1120", W119° 58' 42.9800"	16.0 E	130	DH		NO	Enabled	39.2 %	39.2 %
22	MZB	N32° 46' 55.9467", W117° 13' 31.5170"	15.0 E	130	H		NO	Enabled	15.4 %	15.4 %
23	SMO	N34° 00' 37.5301", W118° 27' 22.9701"	15.0 E	40	L		NO	Enabled	18.5 %	18.5 %
24	OCN	N33° 14' 26.2815", W117° 25' 03.7947"	15.0 E	130	H		NO	Enabled	38.6 %	38.7 %
25	SXC	N33° 22' 30.2010", W118° 25' 11.6750"	15.0 E	130	H		NO	Enabled	30.7 %	30.7 %

DME DME Assessment Results for PITBL2 path HEC_LCLRK

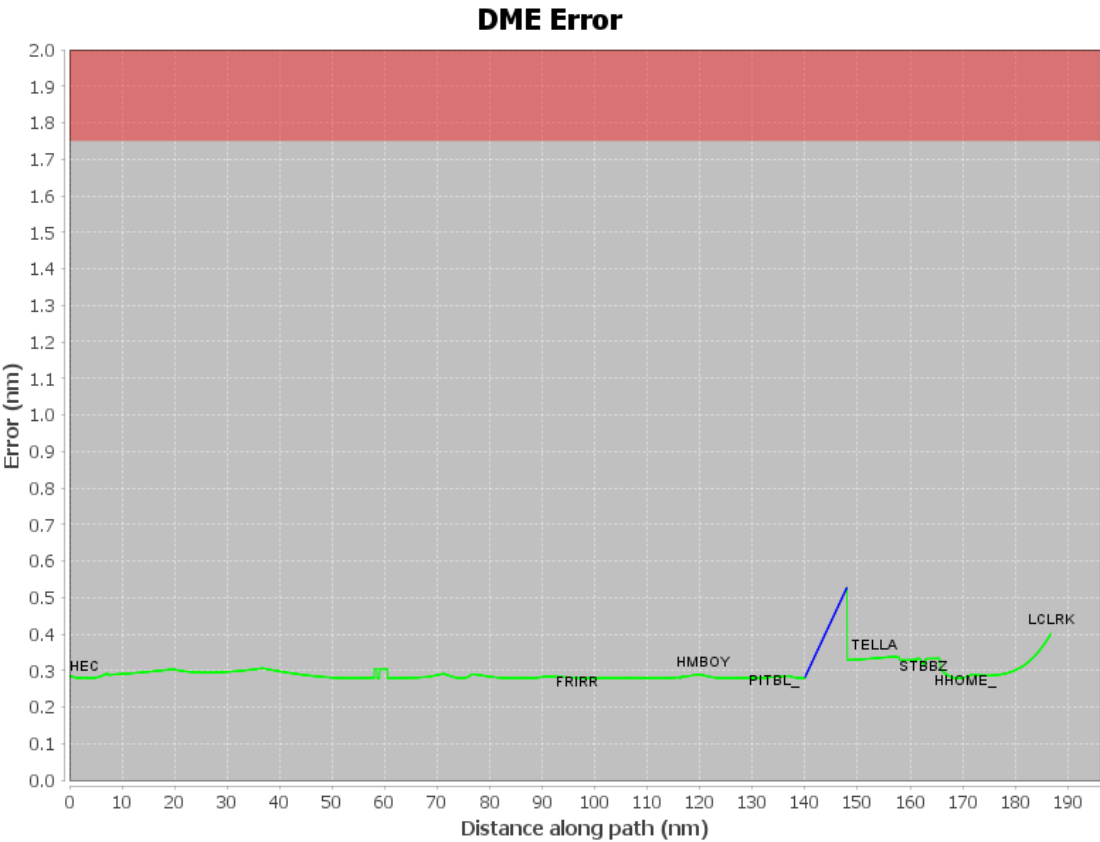
Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	GFS	DAG	PDZ	PMD	GOG	EED
2.2	GFS	DAG	TRM	PMD	PDZ	GOG
4.3	HEC	DAG	GFS	PMD	PDZ	MZB
29.5	TRM	DAG	LAX	HEC	PMD	PDZ
41.2	PMD	PDZ	HEC	EHF	LAX	SXC
55.2	PMD	PDZ	HEC	OCN	SXC	LAX
58.1	HEC	OCN	PMD	SXC	LAX	PGY
68.6	HEC	PDZ	PMD	SXC	EHF	LAX
76.5	LAX	PMD	LHS	SXC	EHF	PDZ
76.8	LHS	SXC	LAX	EHF	PDZ	RZS
97.3	LAX	RZS	EHF	PMD	FIM	LHS
98.3	EHF	PMD	LHS	FIM	LAX	SMO
102.4	LHS	FIM	VTU	GMN	EHF	LAX
104.4	VTU	GMN	LHS	FIM	LAX	SMO
119.0	VTU	SMO	LAX	LHS	AVE	GMN
132.9	VTU	FIM	RZS	GMN	LAX	LHS
134.7	RZS	GMN	VTU	FIM	LHS	AVE
136.4	RZS	GMN	LHS	VTU	FIM	TTE
137.4	LHS	VTU	FIM	TTE	RZS	
137.5	LHS	VTU	TTE	RZS		
138.7	LHS	VTU	FIM	TTE	RZS	
138.9	LHS	VTU	TTE	RZS		
139.5	LHS	VTU	FIM	TTE	RZS	
139.8	LHS	VTU	FIM	RZS		
140.0						
148.1	TTE	RZS	CMA	VTU		
148.6	TTE	RZS	VTU			
149.9	TTE	FIM	RZS	VTU		
162.5	TTE	VTU	RZS			
163.2	TTE	VTU	GVO	RZS		
165.7	RZS	VTU	GVO			
166.0	GVO	RZS				
167.5	RZS	CMA	GVO			
167.7	RZS	CMA	VTU	GVO	TTE	
168.3	RZS	CMA	GVO	TTE		
170.9	RZS	CMA	GVO			
171.1	GVO	RZS				

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N34° 21' 31.0604", W119° 13' 42.9119"	N34° 21' 57.6407", W119° 23' 26.3738"	8.0625

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
HEC	FRIRR	EHF, LAX, PGY, TTE, EED, PMD, PDZ, HEC, GMN, RZS, DAG, FIM, TRM, AVE, MZB, GFS, LHS, OCN, GOG, SXC	
FRIRR	HMBOY	VNY, EHF, LAX, TTE, PMD, PDZ, GMN, RZS, FIM, AVE, SMO, LHS, VTU, OCN, SXC	
HMBOY	PITBL_	AVE, LAX, TTE, SMO, LHS, VTU, GMN, RZS, FIM	
PITBL_	TELLA	AVE, LAX, TTE, LHS, VTU, CMA, GMN, RZS, FIM	
TELLA	STBBZ	TTE, VTU, RZS, FIM	
STBBZ	HHOME_	GVO, TTE, VTU, CMA, RZS	
HHOME_	LCLRK	GVO, TTE, CMA, RZS	

DME DME Assessment Results for PITBL2 path HEC_LCLRK

User Data Files								
#	File Name							
None								
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
None								



DME DME Assessment Results for PITBL2 path PORPS_HMBOY

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Guy R Copeland
Project File:	H:\Terps Robbie\Projects\CA\CA_SBA_STAR_8-7-25\SBA_RSTAR_PITBL_2\CA_KSBA_STAR_PITBL TWO RNAV_DATA\20241230 KSBA PITBL STAR.tgs
Output File:	H:\Terps Robbie\Projects\CA\CA_SBA_STAR_8-7-25\SBA_RSTAR_PITBL_2\CA_KSBA_STAR_PITBL TWO RNAV_DATA\KSBA [IFPA] PITBL2 20250128_1106 EST\PORPS_HMBOY\KSBA PITBL2 RNAV STAR PORPS HMBOY 20250128_1106 EST.pdf
Procedure Name:	PITBL2
Software: DmeDmePlugin:	7.4.1
Date/Time:	01/28/2025 11:06 EST
Databases:	MITRE 3DEP 3 arcsec

Failures

No Failures

Warnings

No Warnings

Informational

No Informational

Notes For Flight Check

None

Flight Plan

Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
PORPS	WP	N34° 16' 35.0500", W118° 08' 49.1200"	15000	VNAV	240	FLY_BY	TF
HMBOY	WP	N34° 22' 17.7500", W118° 50' 30.1200"	15000	VNAV	260	FLY_BY	TF

Flyability

Flight Type:	RNAV_STAR
Selected Airport:	KSBA [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 PITBL2 path PORPS_HMBOY

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
DME Include Angles:	30 to 150
Critical DMEs:	Allowed
DoD Facilities:	Not 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:	Not enabled
Disabled DMEs:	None

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	VNY	N34° 13' 26.4770", W118° 29' 30.2063"	15.0 E	40	L		NO	Enabled	74.9 %	74.9 %
2	LAX	N33° 55' 59.3368", W118° 25' 55.2460"	15.0 E	130	H		NO	Enabled	100 %	100 %
3	TTE	N35° 54' 46.9842", W119° 01' 14.9144"	16.0 E	130	DH		NO	Enabled	97.5 %	97.5 %
4	PMD	N34° 37' 53.0341", W118° 03' 49.7607"	15.0 E	130	H		NO	Enabled	13.3 %	13.3 %
5	PDZ	N33° 55' 06.0128", W117° 31' 47.9897"	15.0 E	130	H		NO	Enabled	2.1 %	2.1 %
6	GMN	N34° 48' 14.5030", W118° 51' 40.8970"	16.0 E	40	L		NO	Enabled	62.8 %	62.9 %
7	FIM	N34° 21' 24.0970", W118° 52' 52.6480"	15.0 E	40	L		NO	Enabled	97.2 %	97.1 %
8	POM	N34° 04' 42.1962", W117° 47' 13.4633"	15.0 E	40	L		NO	Enabled	52.4 %	52.4 %
9	AVE	N35° 38' 49.1120", W119° 58' 42.9800"	16.0 E	130	DH		NO	Enabled	100 %	100 %
10	SLI	N33° 46' 59.8839", W118° 03' 17.1304"	15.0 E	40	L		NO	Enabled	40 %	40 %
11	SMO	N34° 00' 37.5301", W118° 27' 22.9701"	15.0 E	40	L		NO	Enabled	100 %	100 %
12	LHS	N34° 40' 58.7040", W118° 34' 36.9770"	15.0 E	130	H		NO	Enabled	100 %	100 %
13	VTU	N34° 06' 53.7239", W119° 02' 56.9994"	15.0 E	40	L		NO	Enabled	75.6 %	75.6 %
14	CMA	N34° 12' 45.0757", W119° 05' 39.6787"	15.0 E	40	L		NO	Enabled	51.3 %	51.2 %
15	OCN	N33° 14' 26.2815", W117° 25' 03.7947"	15.0 E	130	H		NO	Enabled	98.2 %	98.1 %

DME DME Assessment Results for PITBL2 path PORPS_HMBOY

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	LAX	PDZ	POM	PMD	FIM	LHS
0.8	LAX	POM	SLI	VNY	PMD	FIM
3.8	SLI	VNY	LAX	POM	SMO	LHS
14.1	FIM	SMO	LHS	VTU	LAX	VNY
14.1	FIM	SMO	LHS	VTU	LAX	CMA
26.9	VTU	SMO	LAX	LHS	FIM	VNY
27.7	VTU	SMO	LAX	LHS	FIM	GMN
34.1	VTU	SMO	LHS	LAX	OCN	AVE
34.4	VTU	SMO	LHS	LAX	AVE	GMN

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

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
PORPS	HMBOY	VNY, LAX, TTE, PMD, PDZ, GMN, FIM, POM, AVE, SLI, SMO, LHS, VTU, CMA, OCN	

User Data Files								
#	File Name							
None								
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
None								

DME DME Assessment Results for PITBL2 path PORPS_HMBOY

