

DME DME Assessment Results for OAKES3 path BANND_NORCL

Results Summary	
Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Mark A-CTR Tellier
Project File:	C:\Users\Mark A-CTR Tellier\Desktop\Projects - TM\OAK\KOAK OAKES PTT32416-PTT32873 - TM v2 -DMEdme.tgs
Output File:	C:\Users\Mark A-CTR Tellier\Desktop\Projects - TM\OAK\ESV\OAKES\KOAK [IFPA] OAKES3 20240908_1617 PDT\BANND_NORCL\KOAK OAKES3 RNAV STAR BANND NORCL 20240908_1617 PDT.pdf
Procedure Name:	OAKES3
Software: DmeDmePlugin:	7.3.3
Date/Time:	09/08/2024 16:17 PDT
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
BANND	WP	N37° 45' 35.69", W121° 03' 42.58"	17000	VNAV	260	FLY_BY	TF
TOOOL_	WP	N37° 42' 48.74", W121° 19' 38.18"	7000	VNAV	260	FLY_BY	TF
FFIST	WP	N37° 36' 56.40", W121° 41' 12.38"	7000	VNAV	200	FLY_BY	TF
NORCL	WP	N37° 31' 02.66", W121° 43' 10.60"	7000	VNAV	200	FLY_OVER	TF

Flyability	
Flight Type:	RNAV_STAR
Selected Airport:	KOAK [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 OAKES3 path BANND_NORCL

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:	Enabled
Disabled DMEs:	None

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	LIN	N38° 04' 28.49", W121° 00' 13.89"	17.0 E	130	DH	IFPA	NO	Enabled		
2	SWR	N39° 10' 49.16", W120° 16' 10.60"	16.0 E	130	DH	IFPA	NO	Enabled		
3	SFO	N37° 37' 10.15", W122° 22' 26.02"	17.0 E	40	L	IFPA	NO	Enabled		
4	OAK	N37° 43' 33.33", W122° 13' 24.93"	17.0 E	130	DH	IFPA	NO	Enabled		
5	SGD	N38° 10' 45.70", W122° 22' 23.35"	17.0 E	130	H	IFPA	NO	Enabled		
6	SJC	N37° 22' 28.96", W121° 56' 40.81"	16.0 E	40	L	IFPA	NO	Enabled		
7	STS	N38° 30' 29.47", W122° 48' 38.22"	0.0 E	130	DH	IFPA	NO	Enabled		
8	MOD	N37° 37' 38.55", W120° 57' 28.33"	17.0 E	130	DH	IFPA	NO	Enabled		
9	OSI	N37° 23' 33.65", W122° 16' 54.63"	17.0 E	40	L	IFPA	NO	Enabled		
10	SAC	N38° 26' 37.46", W121° 33' 05.95"	17.0 E	130	H	IFPA	NO	Enabled		
11	PYE	N38° 04' 47.12", W122° 52' 04.18"	17.0 E	130	DH	IFPA	NO	Enabled		

DME DME Assessment Results for OAKES3 path BANND_NORCL

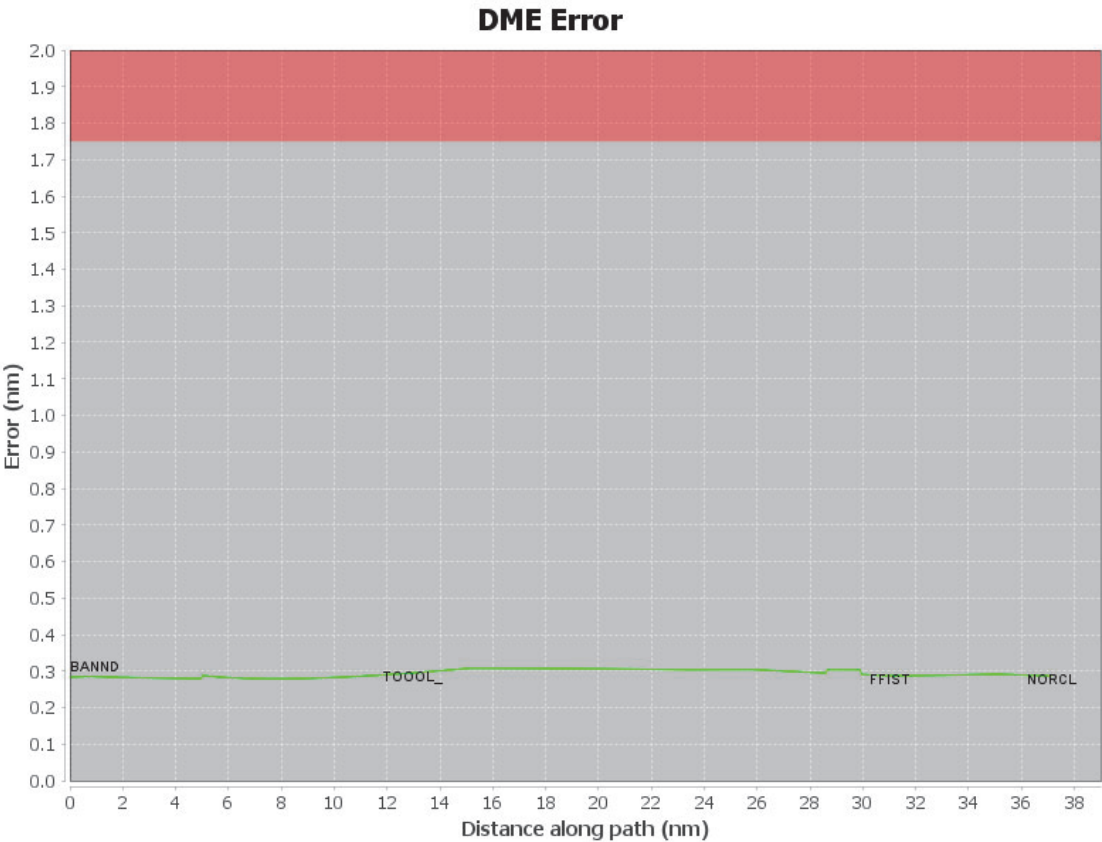
Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	OAK [IFPA]	LIN [IFPA]	SGD [IFPA]	PYE [IFPA]	SAC [IFPA]	SWR [IFPA]
1.2	LIN [IFPA]	SGD [IFPA]	OAK [IFPA]	PYE [IFPA]	SAC [IFPA]	STS [IFPA]
5.0	LIN [IFPA]	MOD [IFPA]	OAK [IFPA]	PYE [IFPA]	STS [IFPA]	
5.5	LIN [IFPA]	MOD [IFPA]	OAK [IFPA]	PYE [IFPA]		
8.4	LIN [IFPA]	MOD [IFPA]	PYE [IFPA]	STS [IFPA]	OAK [IFPA]	SJC [IFPA]
9.0	LIN [IFPA]	MOD [IFPA]	PYE [IFPA]	OAK [IFPA]	SJC [IFPA]	
13.0	LIN [IFPA]	MOD [IFPA]	PYE [IFPA]	OAK [IFPA]	SWR [IFPA]	

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

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
BANND	TOOOL_	LIN [IFPA], SWR [IFPA], OAK [IFPA], SGD [IFPA], SJC [IFPA], STS [IFPA], MOD [IFPA], SAC [IFPA], PYE [IFPA]	
TOOOL_	FFIST	LIN [IFPA], SWR [IFPA], SFO [IFPA], OAK [IFPA], SJC [IFPA], MOD [IFPA], OSI [IFPA], PYE [IFPA]	
FFIST	NORCL	LIN [IFPA], SFO [IFPA], SWR [IFPA], OAK [IFPA], SJC [IFPA], MOD [IFPA], OSI [IFPA], PYE [IFPA]	

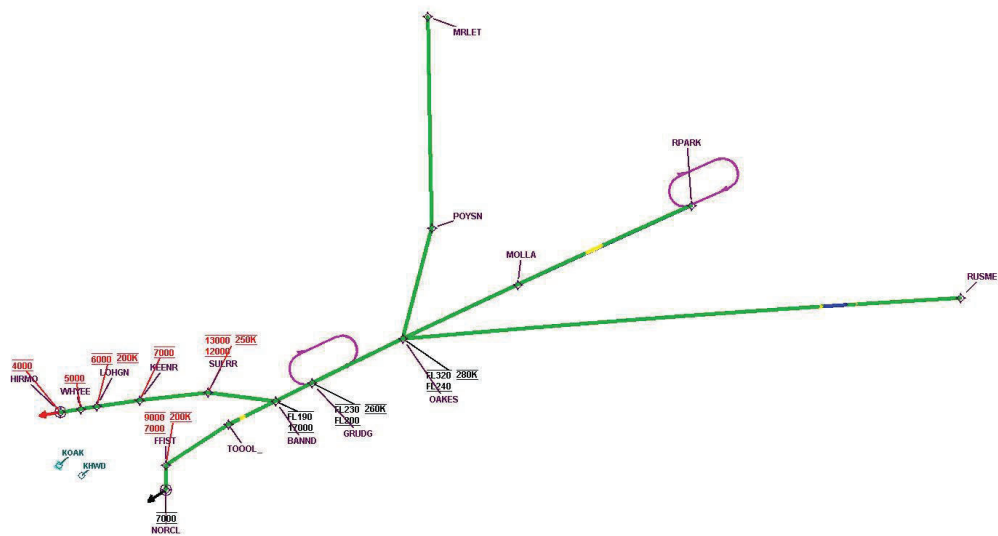
User Data Files								
#	File Name							
1	New Analysis.udt							
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	MVA 702652-074 MVA [IFPA]	N38° 33' 55.08", W118° 01' 58.27"	17.0 E	130	7860	115.1	MVA 702652-074	
ESV:		Bearing [True]: 222.0° to 254.0° Bearing [Mag]: 205.0° to 237.0°				Arc Distance: Out to 66.0 NM Altitude: 18000.0 to 22400.0 ft		

DME DME Assessment Results for OAKES3 path BANND_NORCL



DME DME Assessment Results for OAKES3 path BANND_NORCL

Graphic Depiction 1



DME DME Assessment Results for OAKES3 path MRLET_HIRMO

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Mark A-CTR Tellier
Project File:	C:\Users\Mark A-CTR Tellier\Desktop\Projects - TM\OAK\KOAK OAKES PTT32416-PTT32873 - TM v2 -DMEdme.tgs
Output File:	C:\Users\Mark A-CTR Tellier\Desktop\Projects - TM\OAK\ESV\OAKES\KOAK [IFPA] OAKES3 20240908_1617 PDT\MRLET_HIRMO\KOAK OAKES3 RNAV STAR MRLET HIRMO 20240908_1617 PDT.pdf
Procedure Name:	OAKES3
Software: DmeDmePlugin:	7.3.3
Date/Time:	09/08/2024 16:17 PDT
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
MRLET	WP	N39° 07' 37.20", W119° 49' 31.20"	20000	VNAV	280	FLY_BY	TF
POYSN	WP	N38° 17' 18.33", W120° 04' 09.08"	20000	VNAV	280	FLY_BY	TF
OAKES	WP	N37° 52' 52.93", W120° 21' 02.50"	20000	VNAV	280	FLY_BY	TF
GRUDG	WP	N37° 47' 43.55", W120° 51' 28.85"	20000	VNAV	260	FLY_BY	TF
BANND	WP	N37° 45' 35.69", W121° 03' 42.58"	17000	VNAV	260	FLY_BY	TF
SULRR	WP	N37° 51' 36.32", W121° 23' 09.33"	12000	VNAV	250	FLY_BY	TF
KEENR	WP	N37° 53' 50.51", W121° 44' 09.87"	7000	VNAV	250	FLY_BY	TF
LOHGN	WP	N37° 54' 54.79", W121° 57' 33.96"	6000	VNAV	200	FLY_BY	TF
WHYEE	WP	N37° 55' 14.63", W122° 02' 36.22"	5000	VNAV	200	FLY_BY	TF
HIRMO	WP	N37° 55' 39.54", W122° 08' 54.06"	4000	VNAV	200	FLY_OVER	TF

Flyability

Flight Type:	RNAV STAR
Selected Airport:	KOAK [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 OAKES3 path MRLET_HIRMO

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:	Enabled
Disabled DMEs:	None

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	LIN	N38° 04' 28.49", W121° 00' 13.89"	17.0 E	130	DH	IFPA	NO	Enabled		
2	SWR	N39° 10' 49.16", W120° 16' 10.60"	16.0 E	130	DH	IFPA	NO	Enabled		
3	SFO	N37° 37' 10.15", W122° 22' 26.02"	17.0 E	40	L	IFPA	NO	Enabled		
4	RBL	N40° 05' 56.08", W122° 14' 10.86"	18.0 E	130	H	IFPA	NO	Enabled		
5	OAK	N37° 43' 33.33", W122° 13' 24.93"	17.0 E	130	DH	IFPA	NO	Enabled		
6	SAU	N37° 51' 19.20", W122° 31' 21.91"	17.0 E	40	L	IFPA	NO	Enabled		
7	FMG	N39° 31' 52.60", W119° 39' 21.87"	16.0 E	130	H	IFPA	NO	Enabled		
8	MOD	N37° 37' 38.55", W120° 57' 28.33"	17.0 E	130	DH	IFPA	NO	Enabled		
9	OSI	N37° 23' 33.65", W122° 16' 54.63"	17.0 E	40	L	IFPA	NO	Enabled		
10	SAC	N38° 26' 37.46", W121° 33' 05.95"	17.0 E	130	H	IFPA	NO	Enabled		
11	SGD	N38° 10' 45.70", W122° 22' 23.35"	17.0 E	130	H	IFPA	NO	Enabled		
12	SJC	N37° 22' 28.96", W121° 56' 40.81"	16.0 E	40	L	IFPA	NO	Enabled		
13	STS	N38° 30' 29.47", W122° 48' 38.22"	0.0 E	130	DH	IFPA	NO	Enabled		
14	CCR	N38° 02' 41.71", W122° 02' 42.75"	17.0 E	25	T	IFPA	NO	Enabled		
15	PYE	N38° 04' 47.12", W122° 52' 04.18"	17.0 E	130	DH	IFPA	NO	Enabled		
16	SNS	N36° 39' 49.81", W121° 36' 11.46"	17.0 E	130	H	IFPA	NO	Enabled		

DME DME Assessment Results for OAKES3 path MRLET_HIRMO

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	SWR [IFPA]	FMG [IFPA]	LIN [IFPA]	MOD [IFPA]	RBL [IFPA]	SAC [IFPA]
1.4	SWR [IFPA]	FMG [IFPA]	LIN [IFPA]	MOD [IFPA]	SAC [IFPA]	
14.2	SWR [IFPA]	LIN [IFPA]	MOD [IFPA]	SAC [IFPA]	SGD [IFPA]	
115.2	LIN [IFPA]	SGD [IFPA]	OAK [IFPA]	PYE [IFPA]	SAC [IFPA]	MOD [IFPA]
118.9	LIN [IFPA]	MOD [IFPA]	PYE [IFPA]	OAK [IFPA]	STS [IFPA]	
126.4	LIN [IFPA]	MOD [IFPA]	PYE [IFPA]			
126.9	LIN [IFPA]	MOD [IFPA]	PYE [IFPA]	OAK [IFPA]		
129.1	OAK [IFPA]	SAC [IFPA]	LIN [IFPA]	MOD [IFPA]	PYE [IFPA]	
155.9	OAK [IFPA]	CCR [IFPA]	SFO [IFPA]	OSI [IFPA]	SGD [IFPA]	MOD [IFPA]
163.2	SJC [IFPA]	LIN [IFPA]	SAU [IFPA]	OSI [IFPA]	PYE [IFPA]	CCR [IFPA]
163.8	SJC [IFPA]	SAU [IFPA]	CCR [IFPA]	PYE [IFPA]	OSI [IFPA]	SFO [IFPA]

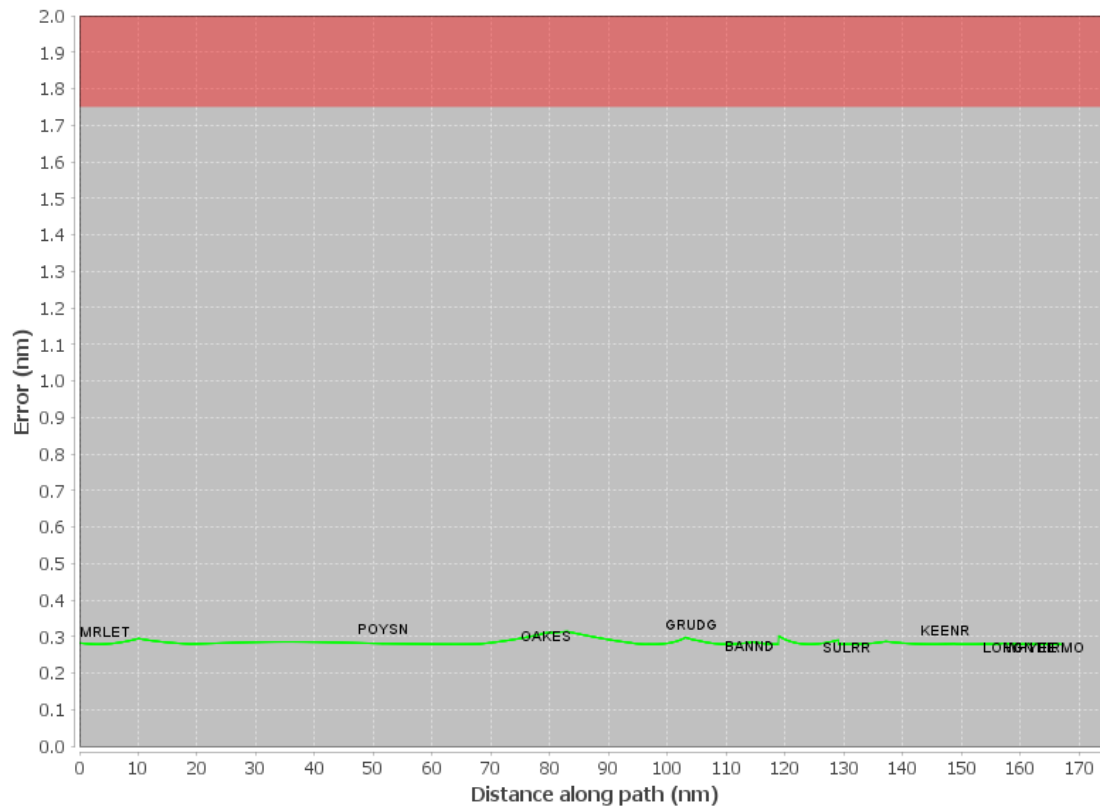
Inertial Drift Segments			
#	Start Location	End Location	Length [NM]

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
MRLET	POYSN	LIN [IFPA], SWR [IFPA], RBL [IFPA], OAK [IFPA], SGD [IFPA], FMG [IFPA], MOD [IFPA], SAC [IFPA]	
POYSN	OAKES	LIN [IFPA], SWR [IFPA], OAK [IFPA], SGD [IFPA], MOD [IFPA], STS [IFPA], SAC [IFPA], PYE [IFPA]	
OAKES	GRUDG	LIN [IFPA], SWR [IFPA], OAK [IFPA], SGD [IFPA], STS [IFPA], MOD [IFPA], SAC [IFPA], PYE [IFPA]	
GRUDG	BANND	LIN [IFPA], SWR [IFPA], OAK [IFPA], SGD [IFPA], STS [IFPA], MOD [IFPA], SAC [IFPA], PYE [IFPA]	
BANND	SULRR	LIN [IFPA], SWR [IFPA], OAK [IFPA], SGD [IFPA], STS [IFPA], MOD [IFPA], SAC [IFPA], PYE [IFPA], SNS [IFPA]	
SULRR	KEENR	LIN [IFPA], SWR [IFPA], SFO [IFPA], OAK [IFPA], SGD [IFPA], SAU [IFPA], MOD [IFPA], SAC [IFPA], PYE [IFPA]	
KEENR	LOHGN	LIN [IFPA], SFO [IFPA], SWR [IFPA], OAK [IFPA], SGD [IFPA], SAU [IFPA], SJC [IFPA], MOD [IFPA], CCR [IFPA], OSI [IFPA], SAC [IFPA], PYE [IFPA]	
LOHGN	WHYEE	LIN [IFPA], SFO [IFPA], SWR [IFPA], OAK [IFPA], SJC [IFPA], SGD [IFPA], SAU [IFPA], MOD [IFPA], CCR [IFPA], OSI [IFPA], PYE [IFPA]	
WHYEE	HIRMO	LIN [IFPA], SFO [IFPA], SWR [IFPA], OAK [IFPA], SJC [IFPA], SAU [IFPA], SGD [IFPA], MOD [IFPA], CCR [IFPA], OSI [IFPA], PYE [IFPA]	

User Data Files								
#	File Name							
1	New Analysis.udt							
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	MVA 702652-074 MVA [IFPA]	N38° 33' 55.08", W118° 01' 58.27"	17.0 E	130	7860	115.1	MVA 702652-074	
ESV:		Bearing [True]: 222.0° to 254.0° Bearing [Mag]: 205.0° to 237.0°				Arc Distance: Out to 66.0 NM Altitude: 18000.0 to 22400.0 ft		

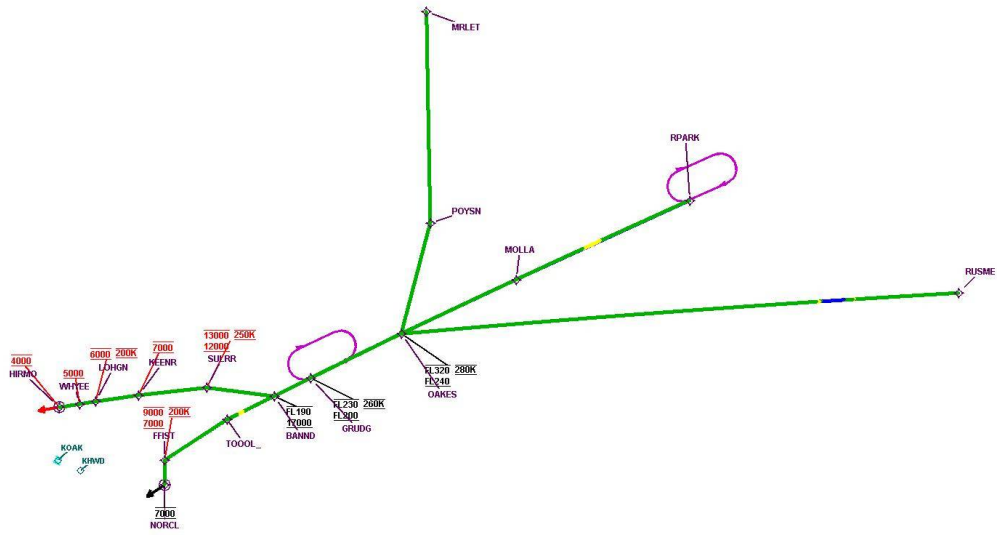
DME DME Assessment Results for OAKES3 path MRLET_HIRMO

DME Error



DME DME Assessment Results for OAKES3 path MRLET_HIRMO

Graphic Depiction 1



DME DME Assessment Results for OAKES3 path RPARK_OAKES

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Mark A-CTR Tellier
Project File:	C:\Users\Mark A-CTR Tellier\Desktop\Projects - TM\OAK\KOAK OAKES PTT32416-PTT32873 - TM v2 -DMEdme.tgs
Output File:	C:\Users\Mark A-CTR Tellier\Desktop\Projects - TM\OAK\ES\OAKES\KOAK [IFPA] OAKES3 20240908_1617 PDT\RPARK_OAKES\KOAK OAKES3 RNAV STAR RPARK OAKES 20240908_1617 PDT.pdf
Procedure Name:	OAKES3
Software: DmeDmePlugin:	7.3.3
Date/Time:	09/08/2024 16:17 PDT
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
RPARK	WP	N38° 07' 24.91", W118° 44' 49.79"	20000	VNAV	280	FLY_BY	TF
MOLLA	WP	N37° 58' 52.98", W119° 42' 42.06"	20000	VNAV	280	FLY_BY	TF
OAKES	WP	N37° 52' 52.93", W120° 21' 02.50"	20000	VNAV	280	FLY_BY	TF

Flyability

Flight Type:	RNAV_STAR
Selected Airport:	KOAK [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 OAKES3 path RPARK_OAKES

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:	Enabled
Disabled DMEs:	None

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	LIN	N38° 04' 28.49", W121° 00' 13.89"	17.0 E	130	DH	IFPA	NO	Enabled		
2	SWR	N39° 10' 49.16", W120° 16' 10.60"	16.0 E	130	DH	IFPA	NO	Enabled		
3	OAL	N38° 00' 11.74", W117° 46' 13.61"	17.0 E	130	H	IFPA	NO	Enabled		
4	OAK	N37° 43' 33.33", W122° 13' 24.93"	17.0 E	130	DH	IFPA	NO	Enabled		
5	SGD	N38° 10' 45.70", W122° 22' 23.35"	17.0 E	130	H	IFPA	NO	Enabled		
6	MOD	N37° 37' 38.55", W120° 57' 28.33"	17.0 E	130	DH	IFPA	NO	Enabled		
7	STS	N38° 30' 29.47", W122° 48' 38.22"	0.0 E	130	DH	IFPA	NO	Enabled		
8	MVA	N38° 33' 55.08", W118° 01' 58.27"	17.0 E	130	H	IFPA	NO	Enabled		
9	SAC	N38° 26' 37.46", W121° 33' 05.95"	17.0 E	130	H	IFPA	NO	Enabled		
10	TTE	N35° 54' 46.98", W119° 01' 14.91"	16.0 E	130	DH	IFPA	NO	Enabled		
11	PYE	N38° 04' 47.12", W122° 52' 04.18"	17.0 E	130	DH	IFPA	NO	Enabled		
12	TPH	N38° 01' 50.32", W117° 02' 00.61"	17.0 E	130	H	IFPA	NO	Enabled		

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	MVA [IFPA]	SWR [IFPA]	OAL [IFPA]	MOD [IFPA]	LIN [IFPA]	
23.8	SWR [IFPA]	MOD [IFPA]	OAL [IFPA]	TTE [IFPA]	LIN [IFPA]	SAC [IFPA]
28.5	SWR [IFPA]	MOD [IFPA]	OAL [IFPA]	LIN [IFPA]	SAC [IFPA]	
54.2	SWR [IFPA]	MOD [IFPA]	LIN [IFPA]	OAK [IFPA]	SAC [IFPA]	SGD [IFPA]

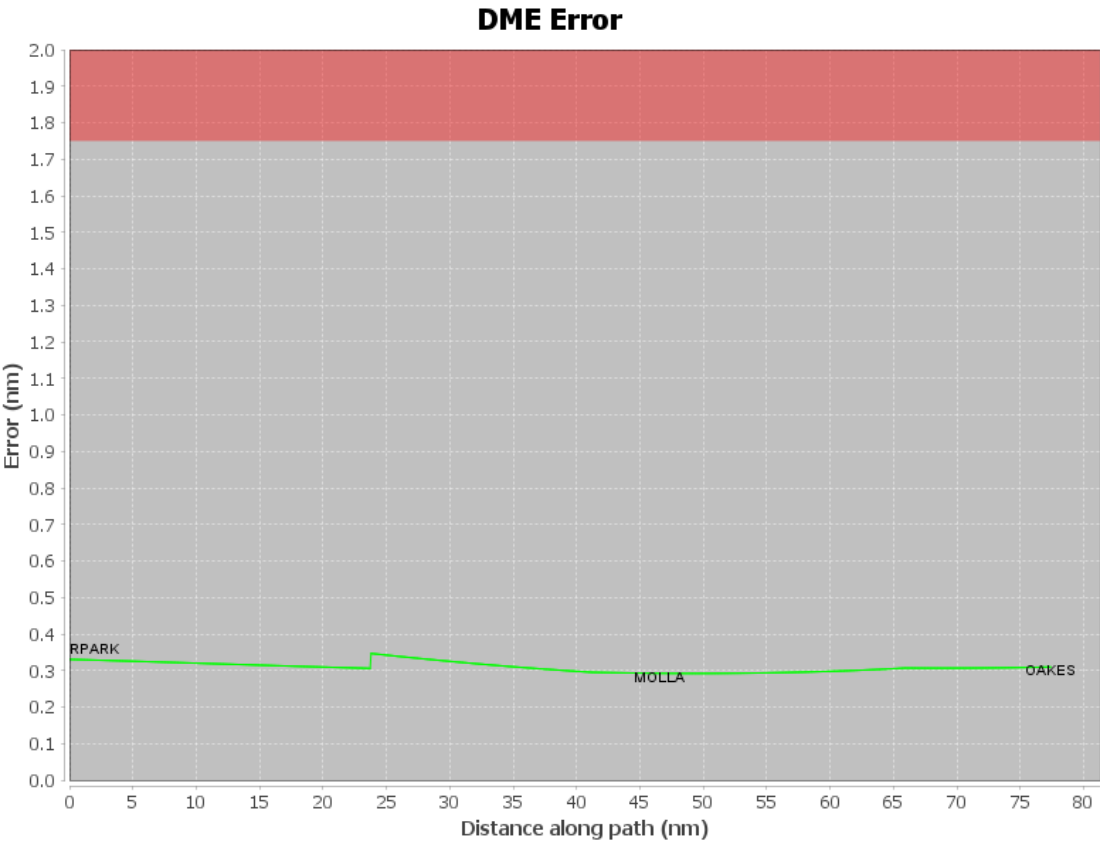
DME DME Assessment Results for OAKES3 path RPARK_OAKES

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

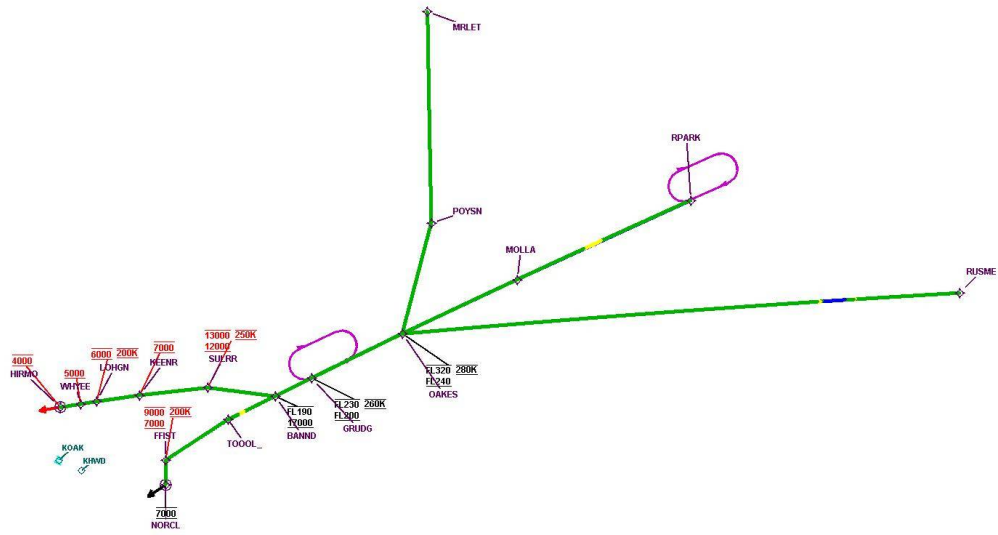
Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
RPARK	MOLLA	LIN [IFPA], SWR [IFPA], OAL [IFPA], OAK [IFPA], SGD [IFPA], MOD [IFPA], MVA [IFPA], SAC [IFPA], TTE [IFPA], TPH [IFPA]	
MOLLA	OAKES	LIN [IFPA], SWR [IFPA], OAK [IFPA], OAL [IFPA], SGD [IFPA], MOD [IFPA], STS [IFPA], SAC [IFPA], PYE [IFPA]	

User Data Files								
#	File Name							
1	New Analysis.udt							
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	MVA 702652-074 MVA [IFPA]	N38° 33' 55.08", W118° 01' 58.27"	17.0 E	130	7860	115.1	MVA 702652-074	
ESV:		Bearing [True]: 222.0° to 254.0° Bearing [Mag]: 205.0° to 237.0°				Arc Distance: Out to 66.0 NM Altitude: 18000.0 to 22400.0 ft		

DME DME Assessment Results for OAKES3 path RPARK_OAKES



Graphic Depiction 1



DME DME Assessment Results for OAKES3 path RUSME_OAKES

Results Summary	
Flyability:	Completed
DME/DME:	Completed - No Critical DMES
Name:	Mark A-CTR Tellier
Project File:	C:\Users\Mark A-CTR Tellier\Desktop\Projects - TM\OAK\KOAK OAKES PTT32416-PTT32873 - TM v2 -DMEdme.tgs
Output File:	C:\Users\Mark A-CTR Tellier\Desktop\Projects - TM\OAK\ESV\OAKES\KOAK [IFPA] OAKES3 20240908_1617 PDT\RUSME_OAKES\KOAK OAKES3 RNAV STAR RUSME OAKES 20240908_1617 PDT.pdf
Procedure Name:	OAKES3
Software: DmeDmePlugin:	7.3.3
Date/Time:	09/08/2024 16:17 PDT
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
RUSME	WP	N37° 29' 39.00", W117° 31' 12.00"	20000	VNAV	280	FLY_BY	TF
OAKES	WP	N37° 52' 52.93", W120° 21' 02.50"	20000	VNAV	280	FLY_BY	TF

Flyability	
Flight Type:	RNAV STAR
Selected Airport:	KOAK [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 OAKES3 path RUSME_OAKES

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:	Enabled
Disabled DMEs:	None

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	CNT	N38° 40' 06.00", W115° 35' 56.00"	0.0 E	130	DH	IFPA	NO	Enabled		
2	LIN	N38° 04' 28.49", W121° 00' 13.89"	17.0 E	130	DH	IFPA	NO	Enabled		
3	SWR	N39° 10' 49.16", W120° 16' 10.60"	16.0 E	130	DH	IFPA	NO	Enabled		
4	OAL	N38° 00' 11.74", W117° 46' 13.61"	17.0 E	130	H	IFPA	NO	Enabled		
5	OAK	N37° 43' 33.33", W122° 13' 24.93"	17.0 E	130	DH	IFPA	NO	Enabled		
6	MOD	N37° 37' 38.55", W120° 57' 28.33"	17.0 E	130	DH	IFPA	NO	Enabled		
7	SAC	N38° 26' 37.46", W121° 33' 05.95"	17.0 E	130	H	IFPA	NO	Enabled		
8	TPH	N38° 01' 50.32", W117° 02' 00.61"	17.0 E	130	H	IFPA	NO	Enabled		
9	BIH	N37° 22' 37.02", W118° 21' 59.50"	15.0 E	40	L	IFPA	NO	Enabled		
10	BTY	N36° 48' 02.15", W116° 44' 51.51"	16.0 E	130	H	IFPA	NO	Enabled		
11	SGD	N38° 10' 45.70", W122° 22' 23.35"	17.0 E	130	H	IFPA	NO	Enabled		
12	DYY	N37° 36' 42.36", W118° 00' 29.41"	0.0 E	130	H	IFPA	NO	Enabled		
13	TTE	N35° 54' 46.98", W119° 01' 14.91"	16.0 E	130	DH	IFPA	NO	Enabled		
14	PYE	N38° 04' 47.12", W122° 52' 04.18"	17.0 E	130	DH	IFPA	NO	Enabled		

DME DME Assessment Results for OAKES3 path RUSME_OAKES

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	TPH [IFPA]	BTY [IFPA]	DYY [IFPA]	OAL [IFPA]		
0.2	TPH [IFPA]	BTY [IFPA]	DYY [IFPA]	OAL [IFPA]	CNT [IFPA]	
0.4	TPH [IFPA]	BTY [IFPA]	DYY [IFPA]	OAL [IFPA]		
0.5	TPH [IFPA]	BTY [IFPA]	DYY [IFPA]	OAL [IFPA]	CNT [IFPA]	
9.3	TPH [IFPA]	BTY [IFPA]	DYY [IFPA]	OAL [IFPA]		
19.4	DYY [IFPA]	OAL [IFPA]	TPH [IFPA]			
21.4	TPH [IFPA]	OAL [IFPA]				
24.4	BTY [IFPA]	OAL [IFPA]	BIH [IFPA]	TPH [IFPA]		
24.7	BTY [IFPA]	OAL [IFPA]	TPH [IFPA]			
24.9	BTY [IFPA]	OAL [IFPA]	BIH [IFPA]	TPH [IFPA]		
25.5	TPH [IFPA]	OAL [IFPA]				
25.6	BTY [IFPA]	DYY [IFPA]	OAL [IFPA]	BIH [IFPA]	TPH [IFPA]	
25.9	TPH [IFPA]	OAL [IFPA]				
27.9						
33.8	BIH [IFPA]	DYY [IFPA]				
34.1	BIH [IFPA]	DYY [IFPA]	OAL [IFPA]	MOD [IFPA]	TPH [IFPA]	
43.9	BIH [IFPA]	TPH [IFPA]	OAL [IFPA]	MOD [IFPA]	LIN [IFPA]	
54.5	BIH [IFPA]	OAL [IFPA]	MOD [IFPA]	TTE [IFPA]	LIN [IFPA]	
59.4	BIH [IFPA]	TPH [IFPA]	TTE [IFPA]	MOD [IFPA]	LIN [IFPA]	SWR [IFPA]
60.7	MOD [IFPA]	TTE [IFPA]	LIN [IFPA]	BIH [IFPA]	SWR [IFPA]	
72.8	MOD [IFPA]	TTE [IFPA]	LIN [IFPA]	SWR [IFPA]	SAC [IFPA]	
123.6	SWR [IFPA]	MOD [IFPA]	LIN [IFPA]	OAK [IFPA]	SAC [IFPA]	SGD [IFPA]

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N37° 34' 43.32", W118° 05' 43.08"	N37° 35' 45.62", W118° 12' 56.34"	5.8325

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
RUSME	OAKES	CNT [IFPA], LIN [IFPA], SWR [IFPA], OAL [IFPA], OAK [IFPA], MOD [IFPA], SAC [IFPA], TPH [IFPA], BIH [IFPA], BTY [IFPA], SGD [IFPA], DYY [IFPA], TTE [IFPA], PYE [IFPA]	

User Data Files								
#	File Name							
1	New Analysis.udt							
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	MVA 702652-074 MVA [IFPA]	N38° 33' 55.08", W118° 01' 58.27"	17.0 E	130	7860	115.1	MVA 702652-074	
ESV: Bearing [True]: 222.0° to 254.0° Bearing [Mag]: 205.0° to 237.0°						Arc Distance: Out to 66.0 NM Altitude: 18000.0 to 22400.0 ft		



DME DME Assessment Results for OAKES3 path RUSME_OAKES

Graphic Depiction 1

