

DME DME Assessment Results for AAVON1 path MAESA_DUCES

Results Summary	
Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Theodore CTR Roller
Project File:	C:\Users\Theodore CTR Roller\Desktop\COVEGE\33504 AAVON,VAIIL STARS\SubPak\FPT\20241125 33504 KEGE STARS PPLAY.tgs
Output File:	C:\Users\Theodore CTR Roller\Desktop\COVEGE\33504 AAVON,VAIIL STARS\SubPak\FPT\AAVON\20241125 PPLAY\KEGE [IFPA] AAVON1 20241125_0849 MST\MAESA_DUCES\KEGE AAVON1 RNAV STAR MAESA DUCES 20241125_0849 MST.pdf
Procedure Name:	AAVON1
Software: DmeDmePlugin:	7.4.1
Date/Time:	11/25/2024 08:49 MST
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
MAESA	WP	N37° 30' 38.87", W108° 53' 01.51"	19000	VNAV	280	FLY_BY	TF
VIRDE	WP	N38° 10' 32.19", W108° 51' 58.34"	19000	VNAV	280	FLY_BY	TF
TESSY	WP	N39° 29' 46.32", W108° 49' 47.36"	17000	VNAV	280	FLY_BY	TF
PPLAY	WP	N39° 39' 33.79", W108° 24' 32.93"	17000	VNAV	280	FLY_BY	TF
AAVON	WP	N39° 45' 51.26", W108° 08' 09.67"	17000	VNAV	280	FLY_BY	TF
BAAHN	WP	N40° 01' 39.71", W107° 20' 28.92"	17000	VNAV	280	FLY_BY	TF
LAAND	WP	N40° 05' 02.80", W106° 48' 55.23"	15000	VNAV	230	FLY_BY	TF
DUCES	WP	N40° 03' 36.80", W106° 34' 47.96"	14000	VNAV	210	FLY_BY	TF

Flyability	
Flight Type:	RNAV_STAR
Selected Airport:	KEGE [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 AAVON1 path MAESA_DUCES

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	DRO	N37° 09' 11.74", W107° 44' 58.65"	14.0 E	130	DH		NO	Enabled	6.6 %	6.7 %
2	CHE	N40° 31' 12.29", W107° 18' 17.64"	14.0 E	130	H		NO	Enabled	18 %	17.8 %
3	BQZ	N40° 27' 49.55", W106° 52' 20.29"	13.0 E	40	L		NO	Enabled	18.2 %	17.4 %
4	RLG	N40° 00' 09.50", W106° 26' 32.96"	14.0 E	130	DH		NO	Enabled	39.7 %	39 %
5	EKR	N40° 04' 02.79", W107° 55' 29.82"	9.0 E	130	DH		NO	Enabled	70.6 %	71.3 %
6	MTU	N40° 08' 56.74", W110° 07' 37.30"	14.0 E	130	DH		NO	Enabled	57.3 %	57.9 %
7	DBL	N39° 26' 21.64", W106° 53' 40.85"	12.0 E	130	DH		NO	Enabled	43.4 %	42.7 %
8	DVC	N37° 48' 31.46", W108° 55' 52.59"	14.0 E	130	H		NO	Enabled	22.2 %	22.5 %
9	HVE	N38° 25' 00.51", W110° 41' 59.07"	15.0 E	130	H		NO	Enabled	13.6 %	13.8 %
10	CEZ	N37° 23' 23.46", W108° 33' 42.31"	14.0 E	130	DH		NO	Enabled	30.5 %	30.8 %
11	HBU	N38° 27' 07.62", W107° 02' 22.97"	14.0 E	130	DH		NO	Enabled	39.1 %	39.6 %
12	ETL	N38° 02' 24.91", W108° 15' 30.87"	12.0 E	40	L		NO	Enabled	21.1 %	21.3 %
13	JNC	N39° 03' 34.44", W108° 47' 33.27"	15.0 E	130	DH		NO	Enabled	69.5 %	70.2 %

DME DME Assessment Results for AAVON1 path MAESA_DUCES

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	ETL	CEZ	DRO	DVC		
1.0	DRO	DVC	CEZ	HBU		
7.1	CEZ	ETL	DRO	DVC	HBU	HVE
9.7	CEZ	ETL	DVC	DRO	HBU	
15.1	CEZ	ETL	DRO	HBU	HVE	
15.5	CEZ	ETL	HBU	HVE		
20.5	CEZ	ETL	HBU	DVC	HVE	
40.0	DVC	ETL	JNC	HBU	CEZ	
55.3	HBU	JNC	DVC	CEZ	EKR	MTU
57.3	HBU	JNC	CEZ	EKR	MTU	
71.0	HBU	JNC	EKR	MTU		
90.5	HBU	EKR	MTU			
92.1	MTU	EKR				
105.9	MTU	EKR	JNC			
131.8	MTU	JNC	DBL	EKR		
137.4	DBL	JNC	MTU	EKR	RLG	
160.1	DBL	EKR	JNC	MTU		
162.9	DBL	EKR	JNC	RLG	MTU	
186.5	CHE	EKR	RLG	DBL	JNC	
205.0	DBL	EKR	CHE	RLG	BQZ	
219.4	DBL	RLG	BQZ	CHE		
223.3	DBL	RLG	BQZ			
225.0	DBL	RLG				
225.1	DBL	RLG	BQZ			

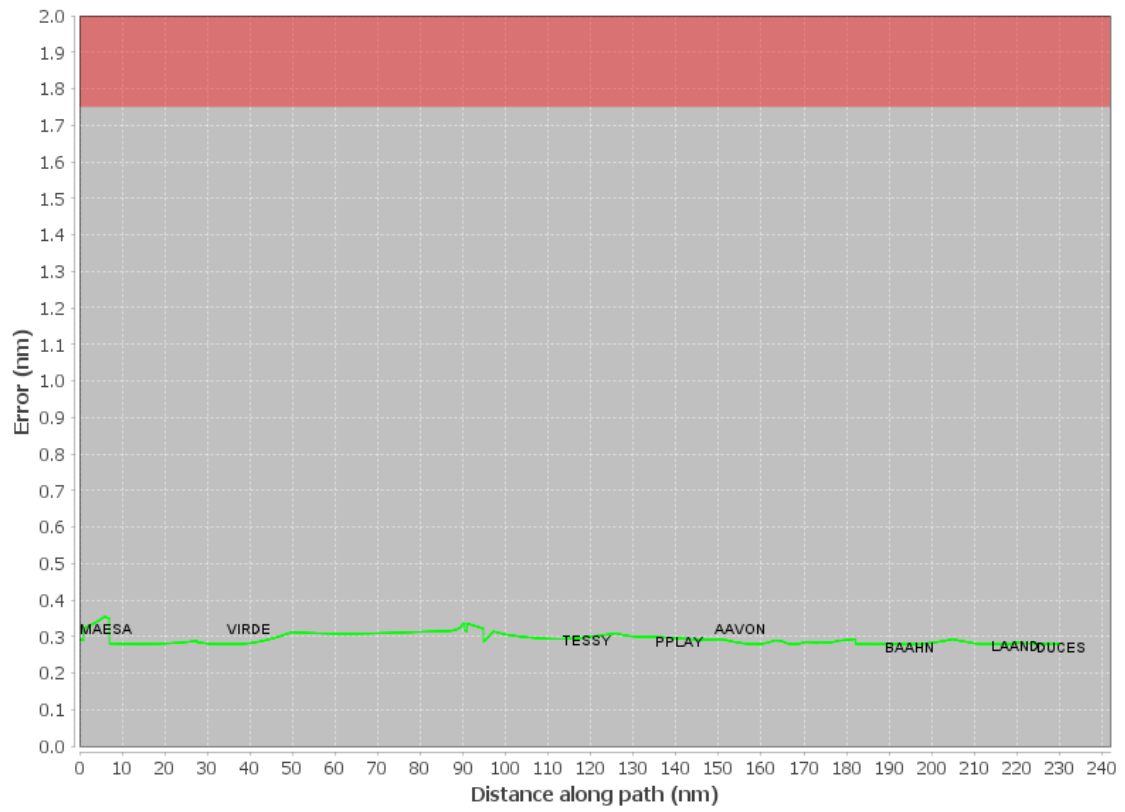
Inertial Drift Segments			
#	Start Location	End Location	Length [NM]

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
MAESA	VIRDE	DRO, DVC, HVE, CEZ, HBU, ETL, JNC	
VIRDE	TESSY	DVC, HVE, CEZ, HBU, ETL, EKR, JNC, MTU	
TESSY	PPLAY	RLG, EKR, JNC, MTU, DBL	
PPLAY	AAVON	RLG, EKR, JNC, DBL, MTU	
AAVON	BAAHN	CHE, BQZ, RLG, EKR, JNC, DBL, MTU	
BAAHN	LAAND	CHE, BQZ, RLG, EKR, JNC, DBL	
LAAND	DUCES	CHE, BQZ, RLG, DBL	

User Data Files								
#	File Name							
	None							
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	FAA 840772 - 002 PUC	N39° 36' 11.49", W110° 45' 12.70"	14.0 E	130	5830	115.5	FAA 840772 - 002	
	ESV:	Bearing [True]: 154.0° to 161.0° Bearing [Mag]: 140.0° to 147.0°				Arc Distance: Out to 106.0 NM Altitude: 16900.0 to 23900.0 ft		
2	FAA 220684 - 005 ETL	N38° 02' 24.91", W108° 15' 30.87"	12.0 E	40	8460	116.95	FAA 220684 - 005	
	ESV:	Bearing [True]: 219.0° to 228.0° Bearing [Mag]: 207.0° to 216.0°				Arc Distance: Out to 47.0 NM Altitude: 18900.0 to 26500.0 ft		

DME DME Assessment Results for AAVON1 path MAESA_DUCES

DME Error



DME DME Assessment Results for AAVON1 path IBSKI_TESSY

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Theodore CTR Roller
Project File:	C:\Users\Theodore CTR Roller\Desktop\COVEGE\33504 AAVON,VAIIL STARS\SubPak\FPT\20241125 33504 KEGE STARS PPLAY.tgs
Output File:	C:\Users\Theodore CTR Roller\Desktop\COVEGE\33504 AAVON,VAIIL STARS\SubPak\FPT\AAVON\20241125 PPLAY\KEGE [IFPA] AAVON1 20241125_0849 MST\IBSKI_TESSY\KEGE AAVON1 RNAV STAR IBSKI TESSY 20241125_0849 MST.pdf
Procedure Name:	AAVON1
Software: DmeDmePlugin:	7.4.1
Date/Time:	11/25/2024 08:49 MST
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
IBSKI	WP	N37° 59' 49.92", W109° 59' 49.95"	17000	VNAV	280	FLY_BY	TF
TESSY	WP	N39° 29' 46.32", W108° 49' 47.36"	17000	VNAV	280	FLY_BY	TF

Flyability

Flight Type:	RNAV_STAR
Selected Airport:	KEGE [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 AAVON1 path IBSKI_TESSY

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	CEZ	N37° 23' 23.46", W108° 33' 42.31"	14.0 E	130	DH		NO	Enabled	60.3 %	60.3 %
2	EKR	N40° 04' 02.79", W107° 55' 29.82"	9.0 E	130	DH		NO	Enabled	53.1 %	53.1 %
3	JNC	N39° 03' 34.44", W108° 47' 33.27"	15.0 E	130	DH		NO	Enabled	100 %	100 %
4	PUC	N39° 36' 11.49", W110° 45' 12.70"	14.0 E	130	H		NO	Enabled	8.7 %	8.7 %
5	MTU	N40° 08' 56.74", W110° 07' 37.30"	14.0 E	130	DH		NO	Enabled	89.4 %	89.4 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	CEZ	JNC	PUC			
9.2	CEZ	JNC				
11.1	CEZ	JNC	MTU			
49.4	CEZ	JNC	MTU	EKR		
63.5	MTU	JNC	EKR			

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

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
IBSKI	TESSY	CEZ, EKR, JNC, PUC, MTU	

DME DME Assessment Results for AAVON1 path IBSKI_TESSY

User Data Files

#	File Name
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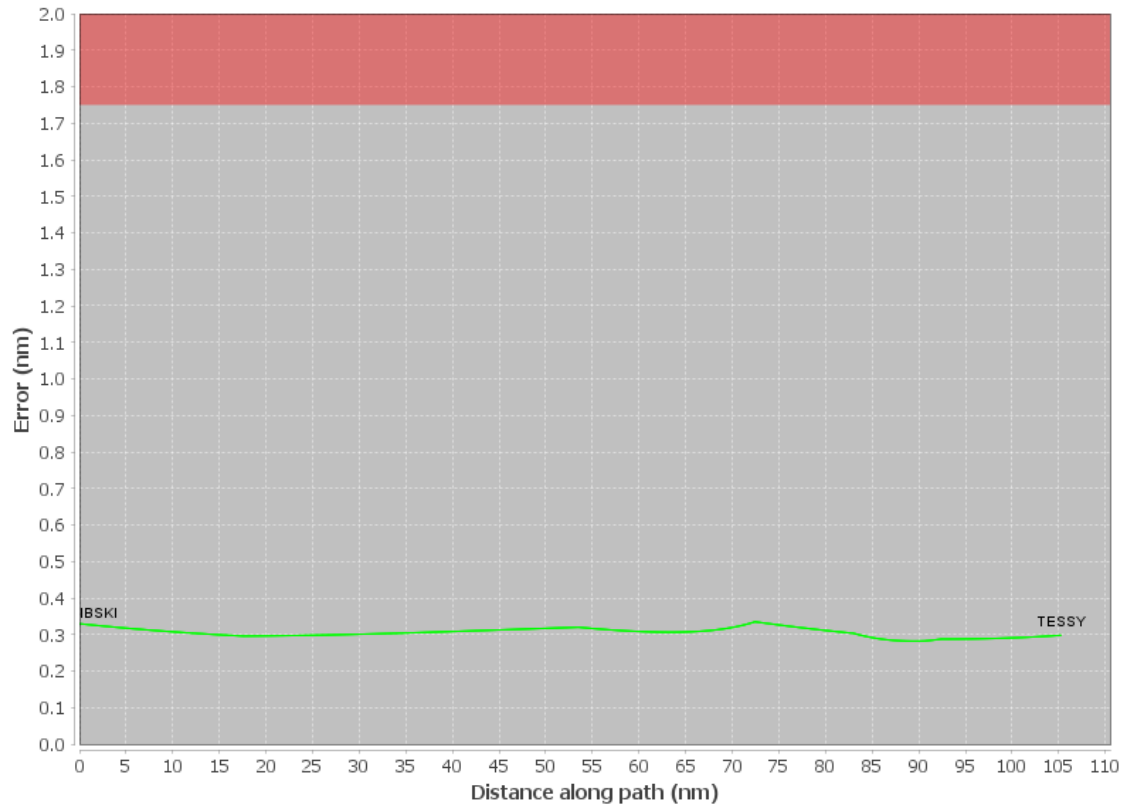
None

User DMEs

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	FAA 840772 - 002 PUC	N39° 36' 11.49", W110° 45' 12.70"	14.0 E	130	5830	115.5	FAA 840772 - 002	
	ESV:	Bearing [True]: 154.0° to 161.0° Bearing [Mag]: 140.0° to 147.0°				Arc Distance: Out to 106.0 NM Altitude: 16900.0 to 23900.0 ft		
2	FAA 220684 - 005 ETL	N38° 02' 24.91", W108° 15' 30.87"	12.0 E	40	8460	116.95	FAA 220684 - 005	
	ESV:	Bearing [True]: 219.0° to 228.0° Bearing [Mag]: 207.0° to 216.0°				Arc Distance: Out to 47.0 NM Altitude: 18900.0 to 26500.0 ft		

DME DME Assessment Results for AAVON1 path IBSKI_TESSY

DME Error



DME DME Assessment Results for AAVON1 path HYPPE_ZIRCL

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Theodore CTR Roller
Project File:	C:\Users\Theodore CTR Roller\Desktop\COVEGE\33504 AAVON,VAIIL STARS\SubPak\FPT\20240904 33504 KEGE STARS.tgs
Output File:	C:\Users\Theodore CTR Roller\Desktop\COVEGE\33504 AAVON,VAIIL STARS\SubPak\FPT\AAVON\KEGE [IFPA] AAVON1 20240904_1314 MDT\HYPPE_ZIRCL\KEGE AAVON1 RNAV STAR HYPPE ZIRCL 20240904_1314 MDT.pdf
Procedure Name:	AAVON1
Software: DmeDmePlugin:	7.3.3
Date/Time:	09/04/2024 13:14 MDT
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
HYPPE	WP	N40° 22' 27.77", W109° 14' 49.36"	17000	VNAV	280	FLY_BY	TF
AAVON	WP	N39° 45' 51.26", W108° 08' 09.67"	17000	VNAV	280	FLY_BY	TF
ZIRCL	WP	N40° 11' 16.97", W107° 35' 54.77"	15000	VNAV	240	FLY_OVER	TF

Flyability

Flight Type:	RNAV_STAR
Selected Airport:	KEGE [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 AAVON1 path HYPPE_ZIRCL

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	DBL	N39° 26' 21.64", W106° 53' 40.85"	12.0 E	130	DH	IFPA	NO	Enabled		
2	MTU	N40° 08' 56.74", W110° 07' 37.30"	14.0 E	130	DH	IFPA	NO	Enabled		
3	EKR	N40° 04' 02.79", W107° 55' 29.82"	9.0 E	130	DH	IFPA	NO	Enabled		
4	RIL	N39° 31' 41.96", W107° 43' 10.77"	10.0 E	40	L	IFPA	NO	Enabled		
5	RLG	N40° 00' 09.50", W106° 26' 32.96"	14.0 E	130	DH	IFPA	NO	Enabled		
6	VEL	N40° 22' 43.98", W109° 29' 35.82"	15.0 E	40	L	IFPA	NO	Enabled		
7	CHE	N40° 31' 12.29", W107° 18' 17.64"	14.0 E	130	H	IFPA	NO	Enabled		
8	JNC	N39° 03' 34.44", W108° 47' 33.27"	15.0 E	130	DH	IFPA	NO	Enabled		
9	FBR	N41° 22' 42.38", W110° 25' 26.62"	14.0 E	130	DH	IFPA	NO	Enabled		
10	BQZ	N40° 27' 49.55", W106° 52' 20.29"	13.0 E	40	L	IFPA	NO	Enabled		

DME DME Assessment Results for AAVON1 path HYPPE_ZIRCL

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	MTU [IFPA]	JNC [IFPA]	VEL [IFPA]	FBR [IFPA]	EKR [IFPA]	
29.4	MTU [IFPA]	JNC [IFPA]	EKR [IFPA]	FBR [IFPA]		
32.3	MTU [IFPA]	JNC [IFPA]	EKR [IFPA]			
44.1	MTU [IFPA]	JNC [IFPA]	DBL [IFPA]	EKR [IFPA]		
51.6	DBL [IFPA]	JNC [IFPA]	MTU [IFPA]	RLG [IFPA]	EKR [IFPA]	
52.3	DBL [IFPA]	JNC [IFPA]	MTU [IFPA]	EKR [IFPA]		
55.9	DBL [IFPA]	JNC [IFPA]	EKR [IFPA]	MTU [IFPA]	RLG [IFPA]	
56.1	DBL [IFPA]	JNC [IFPA]	EKR [IFPA]	MTU [IFPA]		
56.2	DBL [IFPA]	JNC [IFPA]	EKR [IFPA]	MTU [IFPA]	RLG [IFPA]	
57.1	DBL [IFPA]	JNC [IFPA]	EKR [IFPA]	MTU [IFPA]		
57.5	JNC [IFPA]	RIL [IFPA]	EKR [IFPA]	DBL [IFPA]	MTU [IFPA]	
66.3	JNC [IFPA]	RIL [IFPA]	EKR [IFPA]	MTU [IFPA]		
74.6	RLG [IFPA]	EKR [IFPA]	RIL [IFPA]	JNC [IFPA]	MTU [IFPA]	
74.6	JNC [IFPA]	RIL [IFPA]	MTU [IFPA]	EKR [IFPA]		
74.8	MTU [IFPA]	EKR [IFPA]	JNC [IFPA]			
75.5	JNC [IFPA]	RIL [IFPA]	MTU [IFPA]	EKR [IFPA]		
77.0	MTU [IFPA]	EKR [IFPA]	JNC [IFPA]			
77.5	JNC [IFPA]	RIL [IFPA]	MTU [IFPA]	EKR [IFPA]		
78.6	DBL [IFPA]	JNC [IFPA]	RIL [IFPA]	MTU [IFPA]	EKR [IFPA]	
80.3	DBL [IFPA]	JNC [IFPA]	RIL [IFPA]	MTU [IFPA]		
81.0	DBL [IFPA]	JNC [IFPA]	EKR [IFPA]	MTU [IFPA]		
82.0	DBL [IFPA]	JNC [IFPA]	MTU [IFPA]			
82.9	DBL [IFPA]	CHE [IFPA]	JNC [IFPA]	MTU [IFPA]		
85.3	DBL [IFPA]	CHE [IFPA]	JNC [IFPA]	EKR [IFPA]	MTU [IFPA]	
86.0	DBL [IFPA]	CHE [IFPA]	JNC [IFPA]	EKR [IFPA]	RLG [IFPA]	
86.4	DBL [IFPA]	CHE [IFPA]	JNC [IFPA]	EKR [IFPA]		
86.8	DBL [IFPA]	CHE [IFPA]	JNC [IFPA]	EKR [IFPA]	RLG [IFPA]	
87.1	DBL [IFPA]	CHE [IFPA]	JNC [IFPA]	RLG [IFPA]		
87.5	DBL [IFPA]	CHE [IFPA]	JNC [IFPA]	EKR [IFPA]	RLG [IFPA]	MTU [IFPA]
88.5	DBL [IFPA]	CHE [IFPA]	JNC [IFPA]	RLG [IFPA]	EKR [IFPA]	

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

DME DME Assessment Results for AAVON1 path HYPPE_ZIRCL

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
HYPPE	AAVON	DBL [IFPA], MTU [IFPA], EKR [IFPA], RIL [IFPA], RLG [IFPA], VEL [IFPA], JNC [IFPA], FBR [IFPA]	
AAVON	ZIRCL	DBL [IFPA], MTU [IFPA], EKR [IFPA], RIL [IFPA], RLG [IFPA], CHE [IFPA], JNC [IFPA], BQZ [IFPA]	

User Data Files

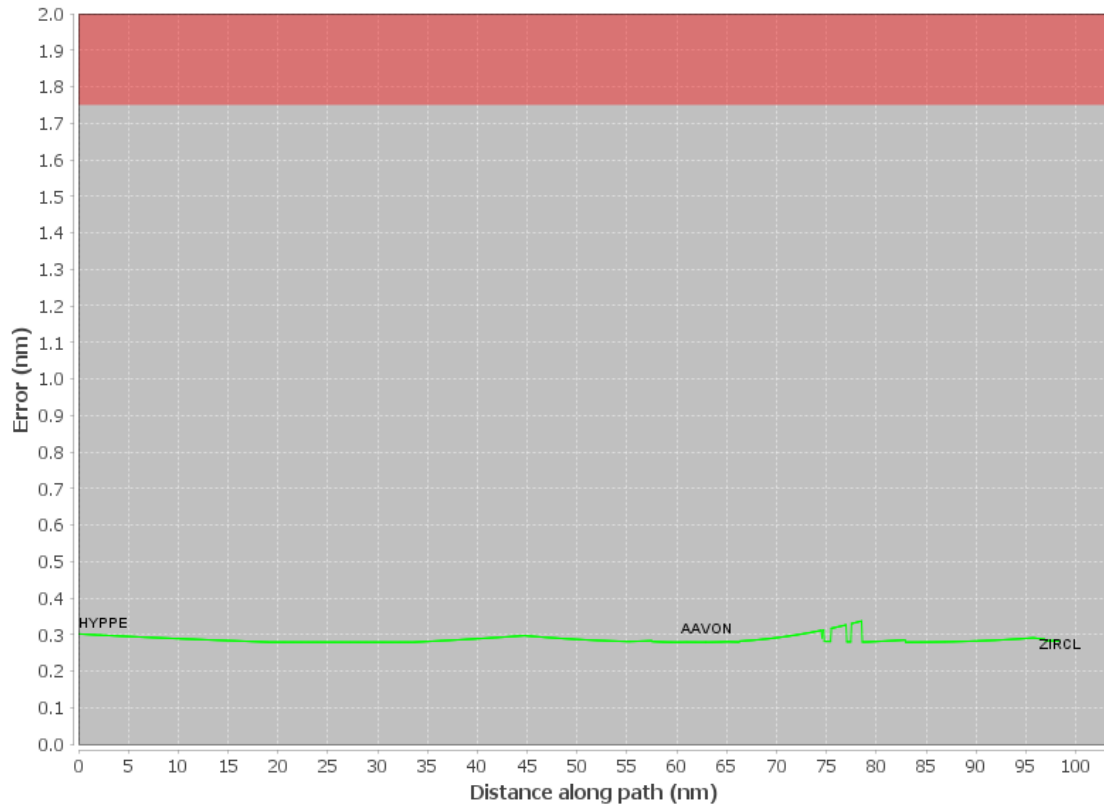
#	File Name
	None

User DMEs

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	FAA 840772 - 002 PUC [IFPA]	N39° 36' 11.49", W110° 45' 12.70"	14.0 E	130	5830	115.5	FAA 840772 - 002	
	ESV:	Bearing [True]: 154.0° to 161.0° Bearing [Mag]: 140.0° to 147.0°				Arc Distance: Out to 106.0 NM Altitude: 16900.0 to 23900.0 ft		
2	FAA 220684 - 005 ETL [IFPA]	N38° 02' 24.91", W108° 15' 30.87"	12.0 E	40	8460	116.95	FAA 220684 - 005	
	ESV:	Bearing [True]: 219.0° to 228.0° Bearing [Mag]: 207.0° to 216.0°				Arc Distance: Out to 47.0 NM Altitude: 18900.0 to 26500.0 ft		

DME DME Assessment Results for AAVON1 path HYPPE_ZIRCL

DME Error



DME DME Assessment Results for AAVON1 path IBSKI_GRFLD

Results Summary	
Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Theodore CTR Roller
Project File:	C:\Users\Theodore CTR Roller\Desktop\COVEGE\33504 AAVON,VAIIL STARS\SubPak\FPT\20240904 33504 KEGE STARS.tgs
Output File:	C:\Users\Theodore CTR Roller\Desktop\COVEGE\33504 AAVON,VAIIL STARS\SubPak\FPT\AAVON\KEGE [IFPA] AAVON1 20240904_1314 MDT\IBSKI_GRFLD\KEGE AAVON1 RNAV STAR IBSKI GRFLD 20240904_1314 MDT.pdf
Procedure Name:	AAVON1
Software: DmeDmePlugin:	7.3.3
Date/Time:	09/04/2024 13:14 MDT
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
IBSKI	WP	N37° 59' 49.92", W109° 59' 49.95"	17000	VNAV	280	FLY_BY	TF
TESSY	WP	N39° 29' 46.32", W108° 49' 47.36"	17000	VNAV	280	FLY_BY	TF
PPLAY	WP	N39° 39' 33.79", W108° 24' 32.93"	17000	VNAV	280	FLY_BY	TF
AAVON	WP	N39° 45' 51.26", W108° 08' 09.67"	17000	VNAV	280	FLY_BY	TF
GRFLD	WP	N39° 43' 08.46", W107° 44' 25.46"	17000	VNAV	240	FLY_OVER	TF

Flyability	
Flight Type:	RNAV_STAR
Selected Airport:	KEGE [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 AAVON1 path IBSKI_GRFLD

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	DBL	N39° 26' 21.64", W106° 53' 40.85"	12.0 E	130	DH	IFPA	NO	Enabled		
2	MTU	N40° 08' 56.74", W110° 07' 37.30"	14.0 E	130	DH	IFPA	NO	Enabled		
3	CEZ	N37° 23' 23.46", W108° 33' 42.31"	14.0 E	130	DH	IFPA	NO	Enabled		
4	EKR	N40° 04' 02.79", W107° 55' 29.82"	9.0 E	130	DH	IFPA	NO	Enabled		
5	RIL	N39° 31' 41.96", W107° 43' 10.77"	10.0 E	40	L	IFPA	NO	Enabled		
6	PUC	N39° 36' 11.49", W110° 45' 12.70"	14.0 E	130	H	IFPA	NO	Enabled		
7	RLG	N40° 00' 09.50", W106° 26' 32.96"	14.0 E	130	DH	IFPA	NO	Enabled		
8	JNC	N39° 03' 34.44", W108° 47' 33.27"	15.0 E	130	DH	IFPA	NO	Enabled		

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	JNC [IFPA]	CEZ [IFPA]	PUC [IFPA]			
9.2	JNC [IFPA]	CEZ [IFPA]				
11.1	JNC [IFPA]	CEZ [IFPA]	MTU [IFPA]			
49.4	JNC [IFPA]	CEZ [IFPA]	MTU [IFPA]	EKR [IFPA]		
63.5	MTU [IFPA]	JNC [IFPA]	EKR [IFPA]			
118.0	MTU [IFPA]	JNC [IFPA]	DBL [IFPA]	EKR [IFPA]		
123.7	DBL [IFPA]	JNC [IFPA]	MTU [IFPA]	EKR [IFPA]	RLG [IFPA]	

DME DME Assessment Results for AAVON1 path IBSKI_GRFLD

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

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
IBSKI	TESSY	MTU [IFPA], CEZ [IFPA], EKR [IFPA], PUC [IFPA], JNC [IFPA]	
TESSY	PPLAY	DBL [IFPA], MTU [IFPA], EKR [IFPA], RLG [IFPA], JNC [IFPA]	
PPLAY	AAVON	DBL [IFPA], MTU [IFPA], EKR [IFPA], RIL [IFPA], RLG [IFPA], JNC [IFPA]	
AAVON	GRFLD	DBL [IFPA], MTU [IFPA], EKR [IFPA], RIL [IFPA], RLG [IFPA], JNC [IFPA]	

User Data Files

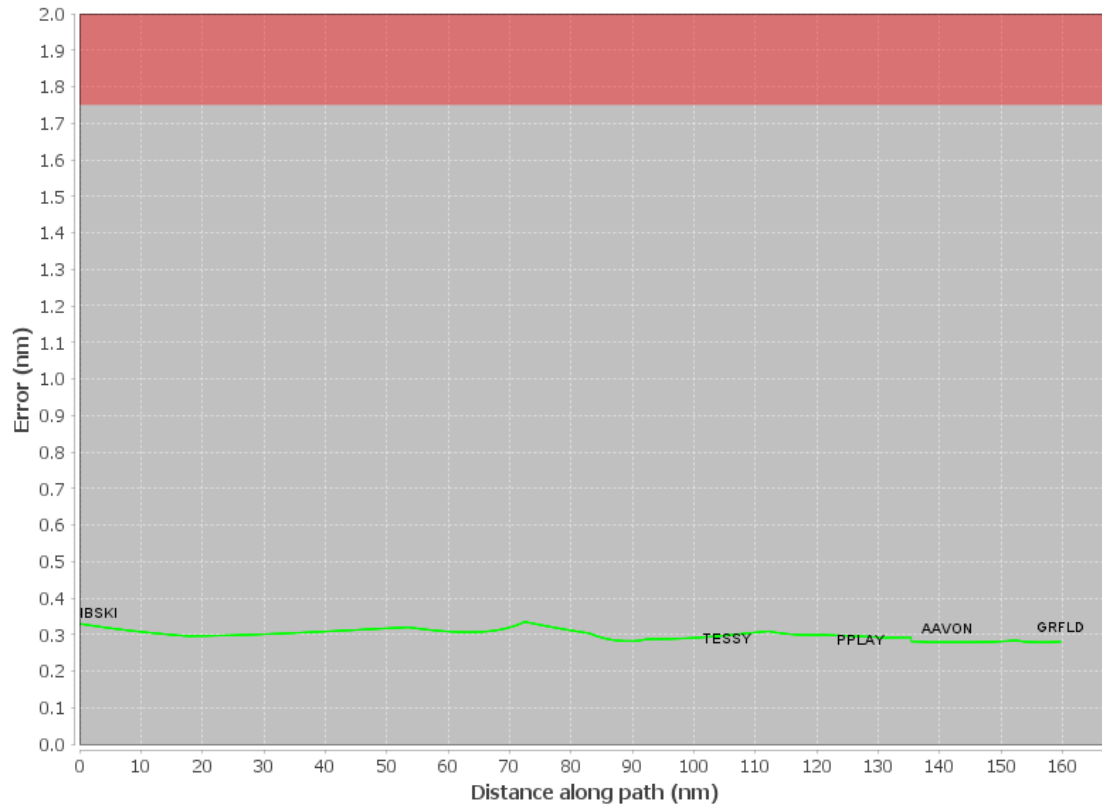
#	File Name
	None

User DMEs

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	FAA 840772 - 002 PUC [IFPA]	N39° 36' 11.49", W110° 45' 12.70"	14.0 E	130	5830	115.5	FAA 840772 - 002	
	ESV:	Bearing [True]: 154.0° to 161.0° Bearing [Mag]: 140.0° to 147.0°				Arc Distance: Out to 106.0 NM Altitude: 16900.0 to 23900.0 ft		
2	FAA 220684 - 005 ETL [IFPA]	N38° 02' 24.91", W108° 15' 30.87"	12.0 E	40	8460	116.95	FAA 220684 - 005	
	ESV:	Bearing [True]: 219.0° to 228.0° Bearing [Mag]: 207.0° to 216.0°				Arc Distance: Out to 47.0 NM Altitude: 18900.0 to 26500.0 ft		

DME DME Assessment Results for AAVON1 path IBSKI_GRFLD

DME Error



DME DME Assessment Results for AAVON1 path KIMMR_TESSY

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Theodore CTR Roller
Project File:	C:\Users\Theodore CTR Roller\Desktop\COVEGE\33504 AAVON,VAIIL STARS\SubPak\FPT\20240904 33504 KEGE STARS.tgs
Output File:	C:\Users\Theodore CTR Roller\Desktop\COVEGE\33504 AAVON,VAIIL STARS\SubPak\FPT\AAVON\KEGE [IFPA] AAVON1 20240904_1314 MDT\KIMMR_TESSY\KEGE AAVON1 RNAV STAR KIMMR TESSY 20240904_1314 MDT.pdf
Procedure Name:	AAVON1
Software: DmeDmePlugin:	7.3.3
Date/Time:	09/04/2024 13:14 MDT
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
KIMMR	WP	N39° 13' 45.24", W109° 57' 30.10"	17000	VNAV	280	FLY_BY	TF
TESSY	WP	N39° 29' 46.32", W108° 49' 47.36"	17000	VNAV	280	FLY_BY	TF

Flyability

Flight Type:	RNAV_STAR
Selected Airport:	KEGE [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 AAVON1 path KIMMR_TESSY

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	MTU	N40° 08' 56.74", W110° 07' 37.30"	14.0 E	130	DH	IFPA	NO	Enabled		
2	EKR	N40° 04' 02.79", W107° 55' 29.82"	9.0 E	130	DH	IFPA	NO	Enabled		
3	JNC	N39° 03' 34.44", W108° 47' 33.27"	15.0 E	130	DH	IFPA	NO	Enabled		

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	MTU [IFPA]	JNC [IFPA]	EKR [IFPA]			

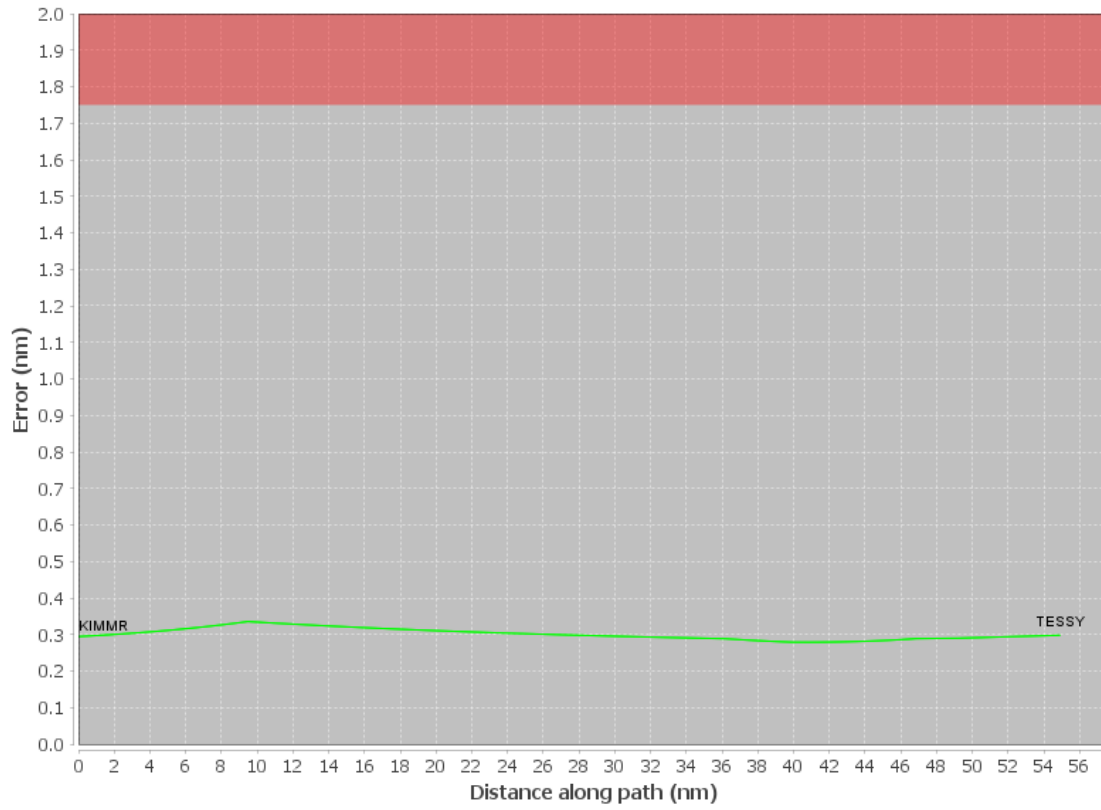
Inertial Drift Segments			
#	Start Location	End Location	Length [NM]

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
KIMMR	TESSY	MTU [IFPA], EKR [IFPA], JNC [IFPA]	

User Data Files								
#	File Name							
	None							
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	FAA 840772 - 002 PUC [IFPA]	N39° 36' 11.49", W110° 45' 12.70"	14.0 E	130	5830	115.5	FAA 840772 - 002	
	ESV:	Bearing [True]: 154.0° to 161.0° Bearing [Mag]: 140.0° to 147.0°				Arc Distance: Out to 106.0 NM Altitude: 16900.0 to 23900.0 ft		
2	FAA 220684 - 005 ETL [IFPA]	N38° 02' 24.91", W108° 15' 30.87"	12.0 E	40	8460	116.95	FAA 220684 - 005	
	ESV:	Bearing [True]: 219.0° to 228.0° Bearing [Mag]: 207.0° to 216.0°				Arc Distance: Out to 47.0 NM Altitude: 18900.0 to 26500.0 ft		

DME DME Assessment Results for AAVON1 path KIMMR_TESSY

DME Error



DME DME Assessment Results for AAVON1 path MAESA_DUCES

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Theodore CTR Roller
Project File:	C:\Users\Theodore CTR Roller\Desktop\COVEGE\33504 AAVON,VAIIL STARS\SubPak\FPT\20240904 33504 KEGE STARS.tgs
Output File:	C:\Users\Theodore CTR Roller\Desktop\COVEGE\33504 AAVON,VAIIL STARS\SubPak\FPT\AAVON\KEGE [IFPA] AAVON1 20240904_1314 MDT\MAESA_DUCES\KEGE AAVON1 RNAV STAR MAESA DUCES 20240904_1314 MDT.pdf
Procedure Name:	AAVON1
Software: DmeDmePlugin:	7.3.3
Date/Time:	09/04/2024 13:14 MDT
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
MAESA	WP	N37° 30' 38.87", W108° 53' 01.51"	19000	VNAV	280	FLY_BY	TF
VIRDE	WP	N38° 10' 32.19", W108° 51' 58.34"	19000	VNAV	280	FLY_BY	TF
TESSY	WP	N39° 29' 46.32", W108° 49' 47.36"	17000	VNAV	280	FLY_BY	TF
AAVON	WP	N39° 45' 51.26", W108° 08' 09.67"	17000	VNAV	280	FLY_BY	TF
BAAHN	WP	N40° 01' 39.71", W107° 20' 28.92"	17000	VNAV	280	FLY_BY	TF
LAAND	WP	N40° 05' 02.80", W106° 48' 55.23"	15000	VNAV	230	FLY_BY	TF
DUCES	WP	N40° 03' 36.80", W106° 34' 47.96"	14000	VNAV	210	FLY_BY	TF

Flyability

Flight Type:	RNAV_STAR
Selected Airport:	KEGE [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 AAVON1 path MAESA_DUCES

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	MTU	N40° 08' 56.74", W110° 07' 37.30"	14.0 E	130	DH	IFPA	NO	Enabled		
2	EKR	N40° 04' 02.79", W107° 55' 29.82"	9.0 E	130	DH	IFPA	NO	Enabled		
3	RIL	N39° 31' 41.96", W107° 43' 10.77"	10.0 E	40	L	IFPA	NO	Enabled		
4	DVC	N37° 48' 31.46", W108° 55' 52.59"	14.0 E	130	H	IFPA	NO	Enabled		
5	RLG	N40° 00' 09.50", W106° 26' 32.96"	14.0 E	130	DH	IFPA	NO	Enabled		
6	CHE	N40° 31' 12.29", W107° 18' 17.64"	14.0 E	130	H	IFPA	NO	Enabled		
7	JNC	N39° 03' 34.44", W108° 47' 33.27"	15.0 E	130	DH	IFPA	NO	Enabled		
8	DBL	N39° 26' 21.64", W106° 53' 40.85"	12.0 E	130	DH	IFPA	NO	Enabled		
9	HVE	N38° 25' 00.51", W110° 41' 59.07"	15.0 E	130	H	IFPA	NO	Enabled		
10	DRO	N37° 09' 11.74", W107° 44' 58.65"	14.0 E	130	DH	IFPA	NO	Enabled		
11	CEZ	N37° 23' 23.46", W108° 33' 42.31"	14.0 E	130	DH	IFPA	NO	Enabled		
12	ETL	N38° 02' 24.91", W108° 15' 30.87"	12.0 E	40	L	IFPA	NO	Enabled		
13	HBU	N38° 27' 07.62", W107° 02' 22.97"	14.0 E	130	DH	IFPA	NO	Enabled		
14	BQZ	N40° 27' 49.55", W106° 52' 20.29"	13.0 E	40	L	IFPA	NO	Enabled		

DME DME Assessment Results for AAVON1 path MAESA_DUCES

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	ETL [IFPA]	CEZ [IFPA]	DRO [IFPA]	DVC [IFPA]		
1.0	DVC [IFPA]	DRO [IFPA]	CEZ [IFPA]	HBU [IFPA]		
7.1	ETL [IFPA]	CEZ [IFPA]	DRO [IFPA]	DVC [IFPA]	HBU [IFPA]	HVE [IFPA]
9.7	ETL [IFPA]	CEZ [IFPA]	DVC [IFPA]	DRO [IFPA]	HBU [IFPA]	
15.1	ETL [IFPA]	CEZ [IFPA]	DRO [IFPA]	HBU [IFPA]	HVE [IFPA]	
15.5	ETL [IFPA]	CEZ [IFPA]	HBU [IFPA]	HVE [IFPA]		
20.5	ETL [IFPA]	CEZ [IFPA]	HBU [IFPA]	HVE [IFPA]	DVC [IFPA]	
40.0	ETL [IFPA]	DVC [IFPA]	JNC [IFPA]	CEZ [IFPA]	HBU [IFPA]	
55.3	JNC [IFPA]	HBU [IFPA]	DVC [IFPA]	CEZ [IFPA]	EKR [IFPA]	MTU [IFPA]
57.3	JNC [IFPA]	HBU [IFPA]	CEZ [IFPA]	EKR [IFPA]	MTU [IFPA]	
71.0	JNC [IFPA]	HBU [IFPA]	EKR [IFPA]	MTU [IFPA]		
90.5	EKR [IFPA]	HBU [IFPA]	MTU [IFPA]			
92.1	MTU [IFPA]	EKR [IFPA]				
105.9	MTU [IFPA]	EKR [IFPA]	JNC [IFPA]			
131.8	MTU [IFPA]	JNC [IFPA]	DBL [IFPA]	EKR [IFPA]		
137.4	DBL [IFPA]	JNC [IFPA]	MTU [IFPA]	EKR [IFPA]	RLG [IFPA]	
160.1	DBL [IFPA]	EKR [IFPA]	JNC [IFPA]	RIL [IFPA]	MTU [IFPA]	
177.1	EKR [IFPA]	JNC [IFPA]	DBL [IFPA]	RLG [IFPA]	MTU [IFPA]	
186.5	EKR [IFPA]	CHE [IFPA]	RLG [IFPA]	DBL [IFPA]	JNC [IFPA]	
205.0	DBL [IFPA]	EKR [IFPA]	CHE [IFPA]	RLG [IFPA]	BQZ [IFPA]	
219.4	RLG [IFPA]	DBL [IFPA]	BQZ [IFPA]	CHE [IFPA]		
223.3	RLG [IFPA]	DBL [IFPA]	BQZ [IFPA]			
225.0	RLG [IFPA]	DBL [IFPA]				
225.1	RLG [IFPA]	DBL [IFPA]	BQZ [IFPA]			

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

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
MAESA	VIRDE	HVE [IFPA], DRO [IFPA], CEZ [IFPA], DVC [IFPA], ETL [IFPA], JNC [IFPA], HBU [IFPA]	
VIRDE	TESSY	HVE [IFPA], MTU [IFPA], CEZ [IFPA], EKR [IFPA], DVC [IFPA], ETL [IFPA], JNC [IFPA], HBU [IFPA]	
TESSY	AAVON	DBL [IFPA], MTU [IFPA], EKR [IFPA], RIL [IFPA], RLG [IFPA], JNC [IFPA]	
AAVON	BAAHN	DBL [IFPA], MTU [IFPA], EKR [IFPA], RIL [IFPA], RLG [IFPA], CHE [IFPA], JNC [IFPA], BQZ [IFPA]	
BAAHN	LAAND	DBL [IFPA], EKR [IFPA], RLG [IFPA], CHE [IFPA], JNC [IFPA], BQZ [IFPA]	
LAAND	DUCES	DBL [IFPA], RLG [IFPA], CHE [IFPA], BQZ [IFPA]	

DME DME Assessment Results for AAVON1 path MAESA_DUCES

User Data Files

#	File Name
None	

User DMEs

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	FAA 840772 - 002 PUC [IFPA]	N39° 36' 11.49", W110° 45' 12.70"	14.0 E	130	5830	115.5	FAA 840772 - 002	
ESV:		Bearing [True]: 154.0° to 161.0° Bearing [Mag]: 140.0° to 147.0°				Arc Distance: Out to 106.0 NM Altitude: 16900.0 to 23900.0 ft		
2	FAA 220684 - 005 ETL [IFPA]	N38° 02' 24.91", W108° 15' 30.87"	12.0 E	40	8460	116.95	FAA 220684 - 005	
ESV:		Bearing [True]: 219.0° to 228.0° Bearing [Mag]: 207.0° to 216.0°				Arc Distance: Out to 47.0 NM Altitude: 18900.0 to 26500.0 ft		

DME DME Assessment Results for AAVON1 path MAESA_DUCES

DME Error

