

DME ESVs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	UDT ESV CAE CAE [IFPA]	N33° 51' 26.099", W081° 03' 14.050"	2.0 W	130	410.1	114.7	UDT ESV CAE	
ESV:		Bearing [True]: 250.0° to 337.0° Bearing [Mag]: 252.0° to 339.0°				Arc Distance: Out to 65.0 NM Altitude: 10000.0 to 24000.0 ft		
2	UDT ESV CAE CAE [IFPA]	N33° 51' 26.099", W081° 03' 14.050"	2.0 W	130	410.1	114.7	UDT ESV CAE	
ESV:		Bearing [True]: 15.0° to 62.0° Bearing [Mag]: 17.0° to 64.0°				Arc Distance: Out to 70.0 NM Altitude: 6500.0 to 18000.0 ft		
3	UDT ESV CHS CHS [IFPA]	N32° 53' 39.549", W080° 02' 16.131"	5.0 W	130	39	113.5	UDT ESV CHS	
ESV:		Bearing [True]: 290.0° to 337.0° Bearing [Mag]: 295.0° to 342.0°				Arc Distance: Out to 90.0 NM Altitude: 10000.0 to 24000.0 ft		
4	UDT ESV FLO FLO [IFPA]	N34° 13' 58.685", W079° 39' 25.780"	3.0 W	130	105	115.2	UDT ESV FLO	
Restriction:		Bearing [True]: 197.0° to 22.0° Bearing [Mag]: 200.0° to 25.0°				Distance: Beyond 30.0 NM Altitude: Below 4000.0 ft		
ESV:		Bearing [True]: 200.0° to 288.0° Bearing [Mag]: 203.0° to 291.0°				Arc Distance: Out to 85.0 NM Altitude: 6000.0 to 24000.0 ft		
5	UDT ESV FLO FLO [IFPA]	N34° 13' 58.685", W079° 39' 25.780"	3.0 W	130	105	115.2	UDT ESV FLO	
Restriction:		Bearing [True]: 197.0° to 22.0° Bearing [Mag]: 200.0° to 25.0°				Distance: Beyond 30.0 NM Altitude: Below 4000.0 ft		
ESV:		Bearing [True]: 270.0° to 355.0° Bearing [Mag]: 273.0° to 358.0°				Arc Distance: Out to 70.0 NM Altitude: 6000.0 to 33000.0 ft		
6	UDT ESV GRD GRD [IFPA]	N34° 15' 05.638", W082° 09' 14.936"	1.0 W	130	630	115.5	UDT ESV GRD	
ESV:		Bearing [True]: 11.0° to 164.0° Bearing [Mag]: 12.0° to 165.0°				Arc Distance: Out to 71.0 NM Altitude: 10000.0 to 24000.0 ft		
7	UDT ESV IRQ IRQ [IFPA]	N33° 42' 26.472", W082° 09' 43.432"	4.0 W	130	420	113.9	UDT ESV IRQ	
ESV:		Bearing [True]: 36.0° to 104.0° Bearing [Mag]: 40.0° to 108.0°				Arc Distance: Out to 72.0 NM Altitude: 10000.0 to 24000.0 ft		
8	UDT ESV IRQ IRQ [IFPA]	N33° 42' 26.472", W082° 09' 43.432"	4.0 W	130	420	113.9	UDT ESV IRQ	
ESV:		Bearing [True]: 104.0° to 116.0° Bearing [Mag]: 108.0° to 120.0°				Arc Distance: Out to 90.0 NM Altitude: 10000.0 to 24000.0 ft		
9	UDT ESV SAV SAV [IFPA]	N32° 08' 46.563", W081° 11' 56.780"	6.0 W	130	39.4	115.95	UDT ESV SAV	
Restriction:		Bearing [True]: 79.0° to 94.0° Bearing [Mag]: 85.0° to 100.0°				Distance: Beyond 39.0 NM Altitude: Below 3000.0 ft		
Restriction:		Bearing [True]: 336.0° to 337.0° Bearing [Mag]: 342.0° to 343.0°				Distance: Beyond 30.0 NM Altitude: Below 99999.0 ft		
Restriction:		Bearing [True]: 120.0° to 126.0° Bearing [Mag]: 126.0° to 132.0°				Distance: Beyond 33.0 NM Altitude: Below 3000.0 ft		
ESV:		Bearing [True]: 34.0° to 64.0° Bearing [Mag]: 40.0° to 70.0°				Arc Distance: Out to 72.0 NM Altitude: 4000.0 to 10000.0 ft		
10	UDT ESV SPA SPA [IFPA]	N35° 02' 01.053", W081° 55' 37.236"	2.0 W	130	935.4	115.7	UDT ESV SPA	
ESV:		Bearing [True]: 112.0° to 192.0° Bearing [Mag]: 114.0° to 194.0°				Arc Distance: Out to 90.0 NM Altitude: 10000.0 to 24000.0 ft		

## DME DME Assessment Results for OSPRI7 path BEEFE\_IRQ

### Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Dennis CTR Osterhage
Project File:	C:\Users\Dennis CTR Osterhage\Documents\1-Projects\1-KCHS\RNAV STARS\KCHS OSPRI STAR\KCHS OSPRI7 STAR DME 20190925_1231 EDT\KCHS OSPRI7 (RNAV) STAR DME 20191112.tgs
Output File:	C:\Users\Dennis CTR Osterhage\My Documents\1-Projects\1-KCHS\RNAV STARS\KCHS OSPRI STAR\KCHS [IFPA] OSPRI7 20191113_0959 EST\BEEFE_IRQ\KCHS OSPRI7 RNAV STAR BEEFE IRQ 20191113_0959 EST.pdf
Procedure Name:	OSPRI7
Software: DmeDmePlugin:	6.0.0
Date/Time:	11/13/2019 09:59 EST
Databases:	DTED Level 0 MAX

### Failures

No Failures

### Warnings

No Warnings

### Notes For Flight Check

None

### Flight Plan

Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
BEEFE	WP	N33° 35' 23.290", W081° 47' 13.250"	18000	VNAV	250	FLY_BY	TF
IRQ	WP	N33° 42' 26.472", W082° 09' 43.432"	18000	VNAV	250	FLY_BY	TF

### Flyability

Flight Type:	RNAV_STAR
Selected Airport:	KCHS [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 OSPRI7 path BEEFE\_IRQ

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:	Not 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	GRD	N34° 15' 05.638", W082° 09' 14.936"	1.0 W	130	H	IFPA	NO	Enabled	100 %	100 %
2	SPA	N35° 02' 01.053", W081° 55' 37.236"	2.0 W	130	H	IFPA	NO	Enabled	100 %	100 %
3	SAV	N32° 08' 46.563", W081° 11' 56.780"	6.0 W	130	H	IFPA	NO	Enabled	29.4 %	29.4 %
4	CHS	N32° 53' 39.549", W080° 02' 16.131"	5.0 W	130	H	IFPA	NO	Enabled	12.1 %	12.1 %
5	ODF	N34° 41' 45.142", W083° 17' 51.580"	0.0 E	130	H	IFPA	NO	Enabled	90.7 %	90.7 %
6	CAE	N33° 51' 26.099", W081° 03' 14.050"	2.0 W	130	H	IFPA	NO	Enabled	100 %	100 %
7	MCN	N32° 41' 28.266", W083° 38' 49.860"	1.0 E	130	H	IFPA	NO	Enabled	2.1 %	2.1 %
8	IRQ	N33° 42' 26.472", W082° 09' 43.432"	4.0 W	130	H	IFPA	NO	Enabled	80.3 %	80.3 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	GRD	CAE	SAV	SPA	IRQ	CHS
2.5	GRD	CAE	SAV	SPA	IRQ	ODF
5.7	GRD	CAE	SPA	IRQ	ODF	
16.2	GRD	CAE	SPA	ODF		
19.6	GRD	CAE	SPA	ODF	MCN	

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

Available DMEs by Waypoints		
Waypoint Before	Waypoint After	DME List
BEEFE	IRQ	ODF, SPA, CAE, GRD, SAV, IRQ, MCN, CHS

# DME DME Assessment Results for OSPRI7 path BEEFE\_IRQ

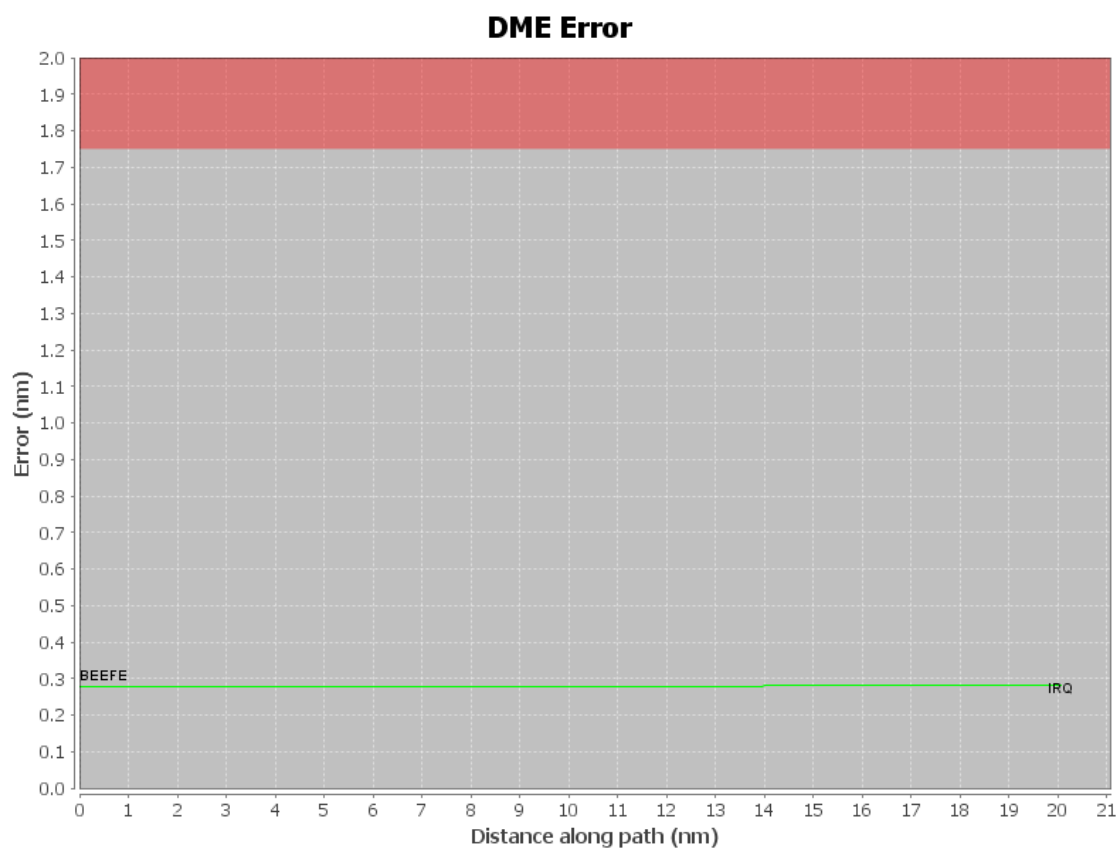
## User Data Files

#	File Name
1	UserDMEsKCHS [IFPA] OSPRI7 RNAV STAR_20190925_1231 EDT.udt

## User DMEs

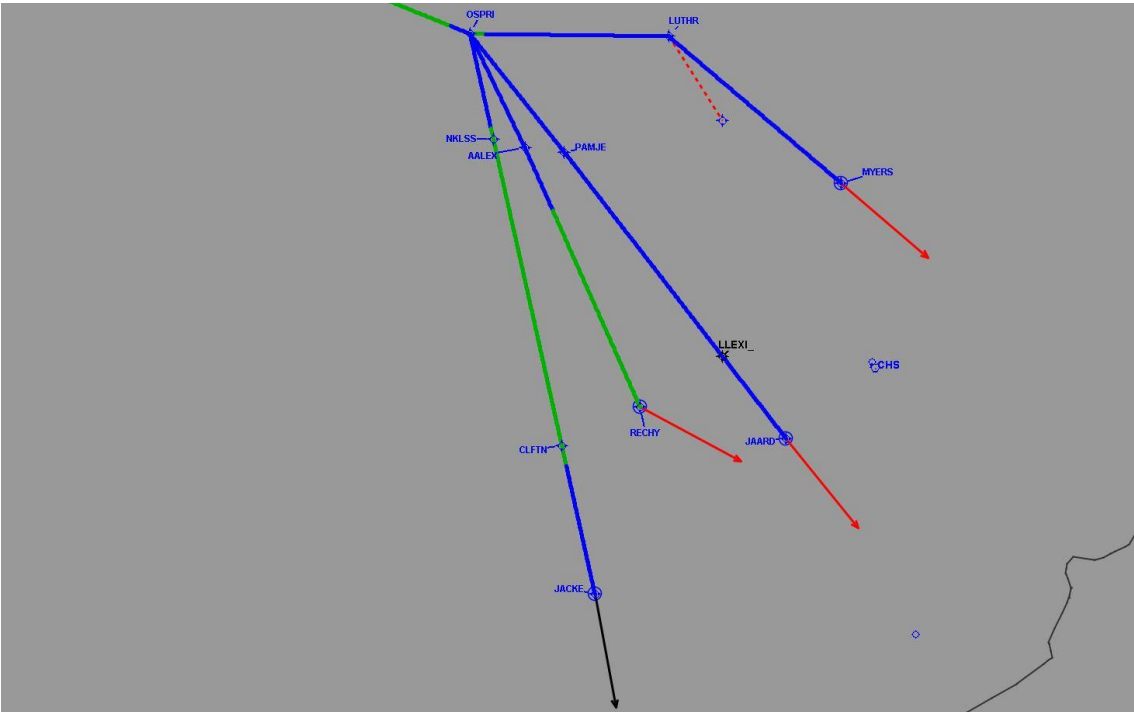
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	UDT ESV SAV SAV [IFPA]	N32° 08' 46.563", W081° 11' 56.780"	6.0 W	130	39.4	115.95	UDT ESV SAV	
ESV:		Bearing [True]: 34.0° to 64.0° Bearing [Mag]: 40.0° to 70.0°				Arc Distance: Out to 72.0 NM Altitude: 4000.0 to 10000.0 ft		
2	UDT ESV CAE CAE [IFPA]	N33° 51' 26.099", W081° 03' 14.050"	2.0 W	130	410.1	114.7	UDT ESV CAE	
ESV:		Bearing [True]: 250.0° to 337.0° Bearing [Mag]: 252.0° to 339.0°				Arc Distance: Out to 65.0 NM Altitude: 10000.0 to 24000.0 ft		
3	UDT ESV FLO FLO [IFPA]	N34° 13' 58.685", W079° 39' 25.780"	3.0 W	130	105	115.2	UDT ESV FLO	
ESV:		Bearing [True]: 200.0° to 288.0° Bearing [Mag]: 203.0° to 291.0°				Arc Distance: Out to 85.0 NM Altitude: 6000.0 to 24000.0 ft		
4	UDT ESV GRD GRD [IFPA]	N34° 15' 05.638", W082° 09' 14.936"	1.0 W	130	630	115.5	UDT ESV GRD	
ESV:		Bearing [True]: 11.0° to 164.0° Bearing [Mag]: 12.0° to 165.0°				Arc Distance: Out to 71.0 NM Altitude: 10000.0 to 24000.0 ft		
5	UDT ESV IRQ IRQ [IFPA]	N33° 42' 26.472", W082° 09' 43.432"	4.0 W	130	420	113.9	UDT ESV IRQ	
ESV:		Bearing [True]: 36.0° to 104.0° Bearing [Mag]: 40.0° to 108.0°				Arc Distance: Out to 72.0 NM Altitude: 10000.0 to 24000.0 ft		
6	UDT ESV SPA SPA [IFPA]	N35° 02' 01.053", W081° 55' 37.236"	2.0 W	130	935.4	115.7	UDT ESV SPA	
ESV:		Bearing [True]: 112.0° to 192.0° Bearing [Mag]: 114.0° to 194.0°				Arc Distance: Out to 90.0 NM Altitude: 10000.0 to 24000.0 ft		
7	UDT ESV IRQ IRQ [IFPA]	N33° 42' 26.472", W082° 09' 43.432"	4.0 W	130	420	113.9	UDT ESV IRQ	
ESV:		Bearing [True]: 104.0° to 116.0° Bearing [Mag]: 108.0° to 120.0°				Arc Distance: Out to 90.0 NM Altitude: 10000.0 to 24000.0 ft		
8	UDT ESV FLO FLO [IFPA]	N34° 13' 58.685", W079° 39' 25.780"	3.0 W	130	105	115.2	UDT ESV FLO	
ESV:		Bearing [True]: 270.0° to 355.0° Bearing [Mag]: 273.0° to 358.0°				Arc Distance: Out to 70.0 NM Altitude: 6000.0 to 33000.0 ft		
9	UDT ESV CAE CAE [IFPA]	N33° 51' 26.099", W081° 03' 14.050"	2.0 W	130	410.1	114.7	UDT ESV CAE	
ESV:		Bearing [True]: 15.0° to 62.0° Bearing [Mag]: 17.0° to 64.0°				Arc Distance: Out to 70.0 NM Altitude: 6500.0 to 18000.0 ft		
10	UDT ESV CHS CHS [IFPA]	N32° 53' 39.549", W080° 02' 16.131"	5.0 W	130	39	113.5	UDT ESV CHS	
ESV:		Bearing [True]: 290.0° to 337.0° Bearing [Mag]: 295.0° to 342.0°				Arc Distance: Out to 90.0 NM Altitude: 10000.0 to 24000.0 ft		

## DME DME Assessment Results for OSPRI7 path BEEFE\_IRQ



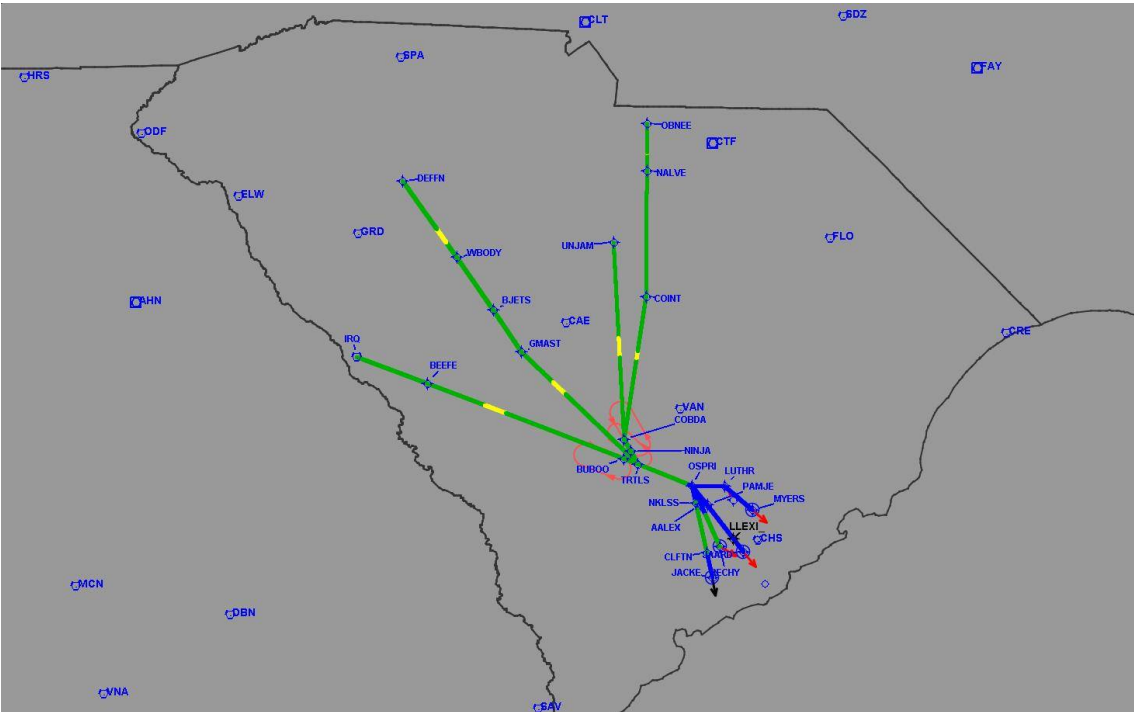
DME DME Assessment Results for OSPRI7 path BEEFE\_IRQ

Graphic Depiction 1

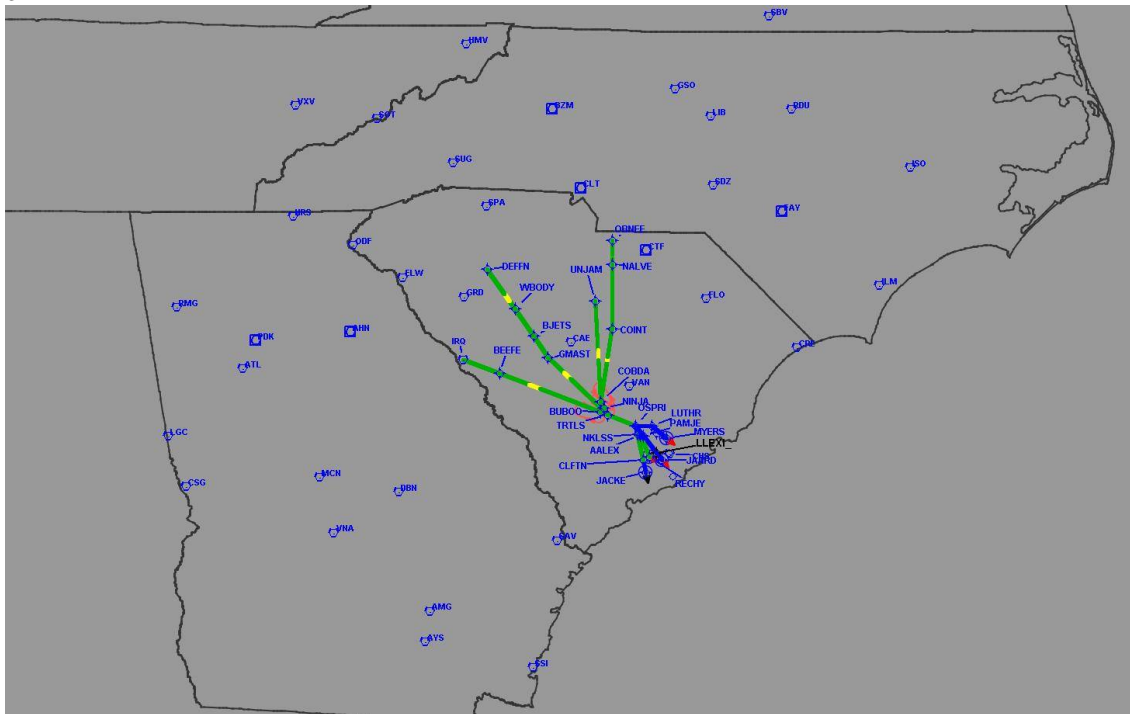


DME DME Assessment Results for OSPRI7 path BEEFE\_IRQ

Graphic Depiction 2



### Graphic Depiction 3





## DME DME Assessment Results for OSPRI7 path COBDA\_UNJAM

### Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Dennis CTR Osterhage
Project File:	C:\Users\Dennis CTR Osterhage\Documents\1-Projects\1-KCHS\RNAV STARS\KCHS OSPRI STAR\KCHS OSPRI7 STAR DME 20190925_1231 EDT\KCHS OSPRI7 (RNAV) STAR DME 20191112.tgs
Output File:	C:\Users\Dennis CTR Osterhage\My Documents\1-Projects\1-KCHS\RNAV STARS\KCHS OSPRI STAR\KCHS [IFPA] OSPRI7 20191113_0959 EST\COBDA_UNJAM\KCHS OSPRI7 RNAV STAR COBDA UNJAM 20191113_0959 EST.pdf
Procedure Name:	OSPRI7
Software: DmeDmePlugin:	6.0.0
Date/Time:	11/13/2019 09:59 EST
Databases:	DTED Level 0 MAX

### Failures

No Failures

### Warnings

No Warnings

### Notes For Flight Check

None

### Flight Plan

Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
COBDA	WP	N33° 20' 28.270", W080° 44' 49.720"	11000	VNAV	250	FLY_BY	TF
UNJAM	WP	N34° 12' 56.500", W080° 48' 10.810"	11000	VNAV	250	FLY_BY	TF

### Flyability

Flight Type:	RNAV_STAR
Selected Airport:	KCHS [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 OSPRI7 path COBDA\_UNJAM

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:	Not 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	FLO	N34° 13' 58.685", W079° 39' 25.780"	3.0 W	130	H	IFPA	NO	Enabled	100 %	100 %
2	SPA	N35° 02' 01.053", W081° 55' 37.236"	2.0 W	130	H	IFPA	NO	Enabled	33.7 %	33.7 %
3	CHS	N32° 53' 39.549", W080° 02' 16.131"	5.0 W	130	H	IFPA	NO	Enabled	100 %	100 %
4	CTF	N34° 39' 01.793", W080° 16' 29.699"	3.0 W	40	L	IFPA	NO	Enabled		
5	VAN	N33° 28' 29.388", W080° 26' 55.114"	6.0 W	40	L	IFPA	NO	Enabled	80.3 %	80.3 %
6	CAE	N33° 51' 26.099", W081° 03' 14.050"	2.0 W	130	H	IFPA	NO	Enabled	100 %	100 %
7	IRQ	N33° 42' 26.472", W082° 09' 43.432"	4.0 W	130	H	IFPA	NO	Enabled	14.4 %	14.4 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	VAN	CAE	FLO	CHS	IRQ	
2.5	VAN	CAE	FLO	CHS		
21.9	FLO	CHS	VAN	CAE	IRQ	
27.1	FLO	CHS	VAN	CAE		
34.8	FLO	VAN	CAE	CHS	SPA	
42.2	SPA	CAE	CHS	FLO		
52.4	SPA	CTF	CAE	FLO	CHS	

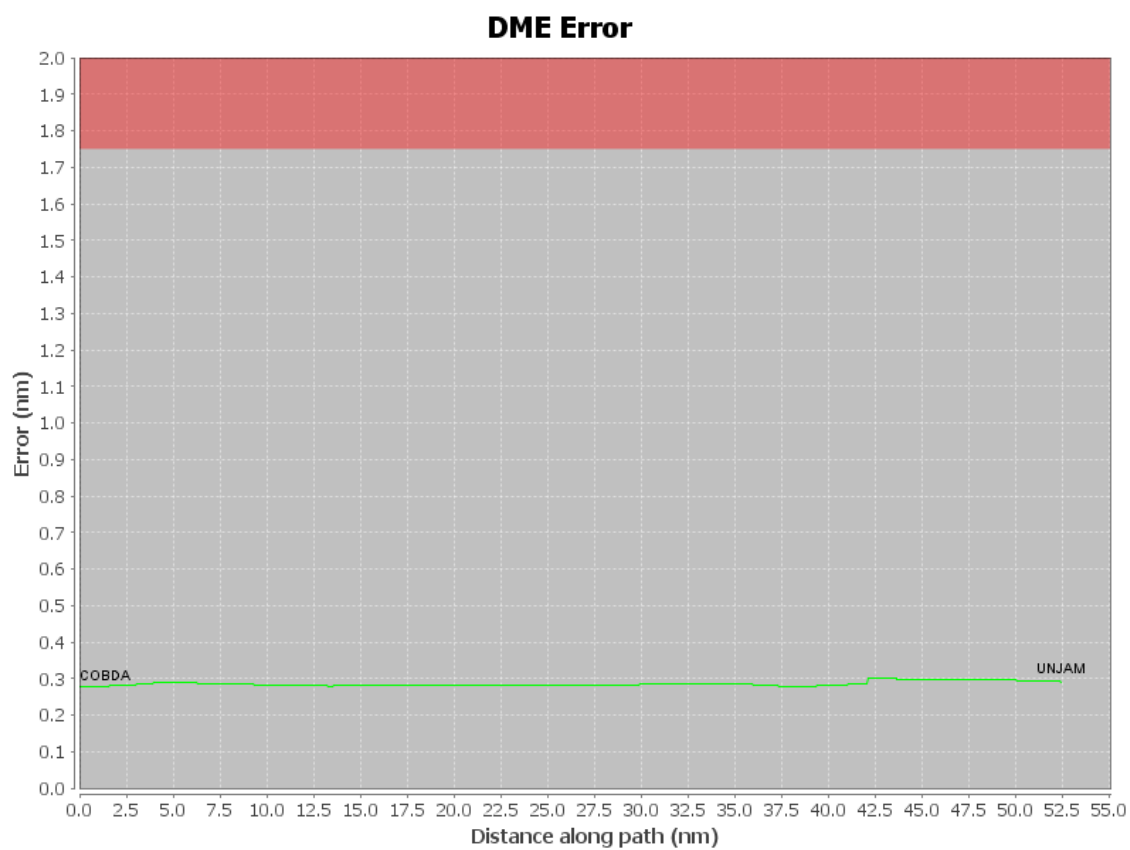
Inertial Drift Segments			
#	Start Location	End Location	Length [NM]

Available DMEs by Waypoints		
Waypoint Before	Waypoint After	DME List
COBDA	UNJAM	VAN, CTF, SPA, CAE, FLO, IRQ, CHS

# DME DME Assessment Results for OSPRI7 path COBDA\_UNJAM

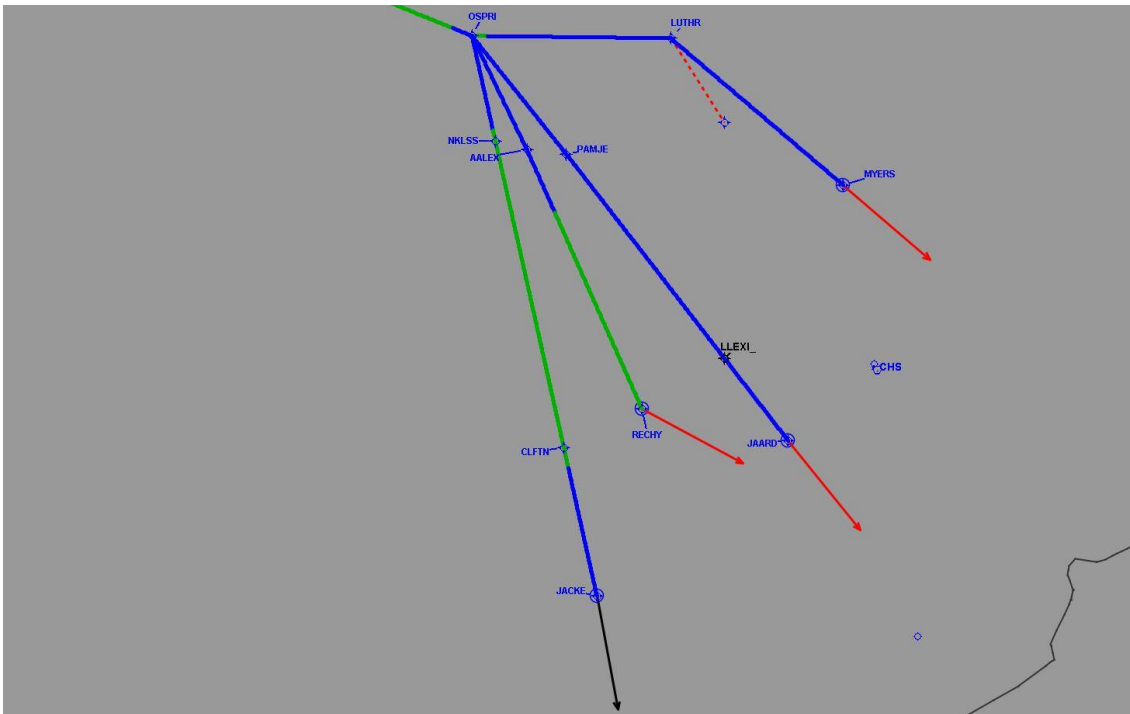
User Data Files								
#	File Name							
1	UserDMEsKCHS [IFPA] OSPRI7 RNAV STAR_20190925_1231 EDT.udt							
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	UDT ESV SAV SAV [IFPA]	N32° 08' 46.563", W081° 11' 56.780"	6.0 W	130	39.4	115.95	UDT ESV SAV	
ESV:		Bearing [True]: 34.0° to 64.0° Bearing [Mag]: 40.0° to 70.0°				Arc Distance: Out to 72.0 NM Altitude: 4000.0 to 10000.0 ft		
2	UDT ESV CAE CAE [IFPA]	N33° 51' 26.099", W081° 03' 14.050"	2.0 W	130	410.1	114.7	UDT ESV CAE	
ESV:		Bearing [True]: 250.0° to 337.0° Bearing [Mag]: 252.0° to 339.0°				Arc Distance: Out to 65.0 NM Altitude: 10000.0 to 24000.0 ft		
3	UDT ESV FLO FLO [IFPA]	N34° 13' 58.685", W079° 39' 25.780"	3.0 W	130	105	115.2	UDT ESV FLO	
ESV:		Bearing [True]: 200.0° to 288.0° Bearing [Mag]: 203.0° to 291.0°				Arc Distance: Out to 85.0 NM Altitude: 6000.0 to 24000.0 ft		
4	UDT ESV GRD GRD [IFPA]	N34° 15' 05.638", W082° 09' 14.936"	1.0 W	130	630	115.5	UDT ESV GRD	
ESV:		Bearing [True]: 11.0° to 164.0° Bearing [Mag]: 12.0° to 165.0°				Arc Distance: Out to 71.0 NM Altitude: 10000.0 to 24000.0 ft		
5	UDT ESV IRQ IRQ [IFPA]	N33° 42' 26.472", W082° 09' 43.432"	4.0 W	130	420	113.9	UDT ESV IRQ	
ESV:		Bearing [True]: 36.0° to 104.0° Bearing [Mag]: 40.0° to 108.0°				Arc Distance: Out to 72.0 NM Altitude: 10000.0 to 24000.0 ft		
6	UDT ESV SPA SPA [IFPA]	N35° 02' 01.053", W081° 55' 37.236"	2.0 W	130	935.4	115.7	UDT ESV SPA	
ESV:		Bearing [True]: 112.0° to 192.0° Bearing [Mag]: 114.0° to 194.0°				Arc Distance: Out to 90.0 NM Altitude: 10000.0 to 24000.0 ft		
7	UDT ESV IRQ IRQ [IFPA]	N33° 42' 26.472", W082° 09' 43.432"	4.0 W	130	420	113.9	UDT ESV IRQ	
ESV:		Bearing [True]: 104.0° to 116.0° Bearing [Mag]: 108.0° to 120.0°				Arc Distance: Out to 90.0 NM Altitude: 10000.0 to 24000.0 ft		
8	UDT ESV FLO FLO [IFPA]	N34° 13' 58.685", W079° 39' 25.780"	3.0 W	130	105	115.2	UDT ESV FLO	
ESV:		Bearing [True]: 270.0° to 355.0° Bearing [Mag]: 273.0° to 358.0°				Arc Distance: Out to 70.0 NM Altitude: 6000.0 to 33000.0 ft		
9	UDT ESV CAE CAE [IFPA]	N33° 51' 26.099", W081° 03' 14.050"	2.0 W	130	410.1	114.7	UDT ESV CAE	
ESV:		Bearing [True]: 15.0° to 62.0° Bearing [Mag]: 17.0° to 64.0°				Arc Distance: Out to 70.0 NM Altitude: 6500.0 to 18000.0 ft		
10	UDT ESV CHS CHS [IFPA]	N32° 53' 39.549", W080° 02' 16.131"	5.0 W	130	39	113.5	UDT ESV CHS	
ESV:		Bearing [True]: 290.0° to 337.0° Bearing [Mag]: 295.0° to 342.0°				Arc Distance: Out to 90.0 NM Altitude: 10000.0 to 24000.0 ft		

## DME DME Assessment Results for OSPRI7 path COBDA\_UNJAM

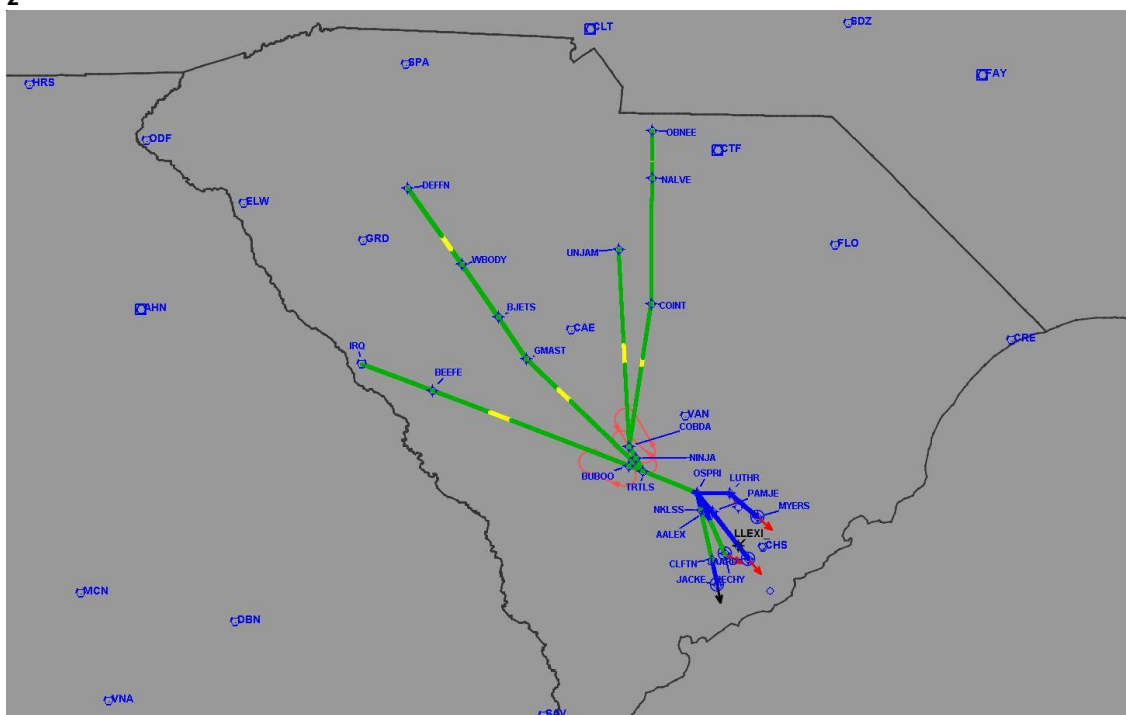


## DME DME Assessment Results for OSPRI7 path COBDA\_UNJAM

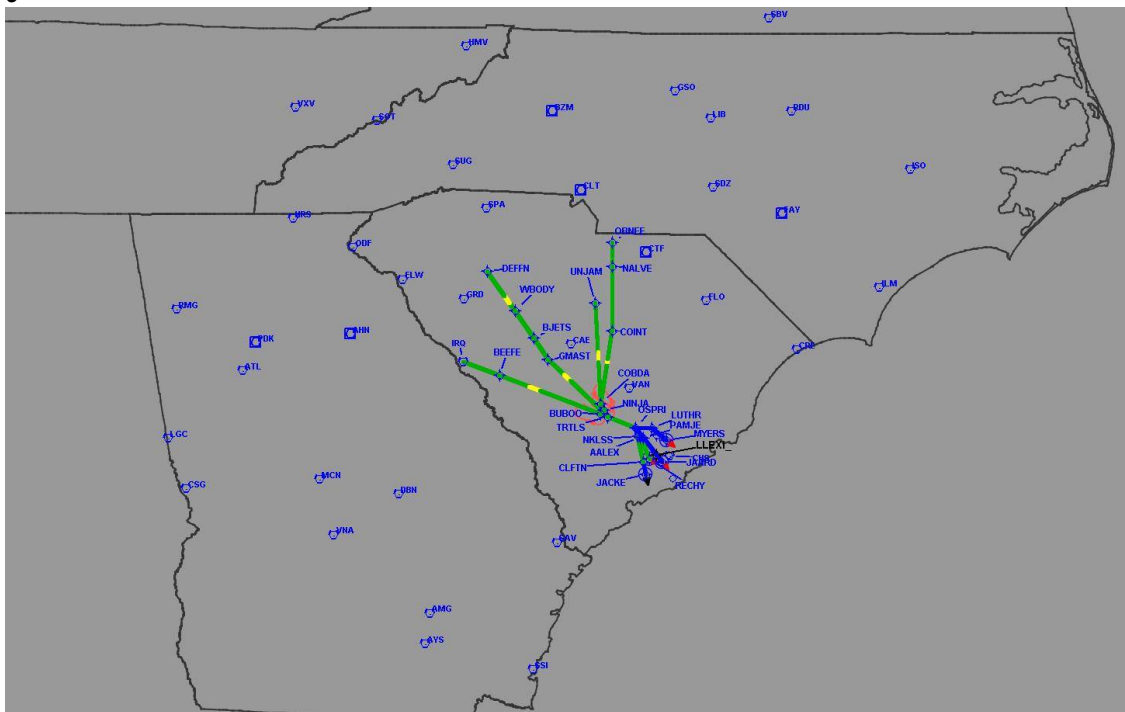
Graphic Depiction 1



### Graphic Depiction 2



### Graphic Depiction 3



## DME DME Assessment Results for OSPRI7 path DEFFN\_TRTLS

### Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Dennis CTR Osterhage
Project File:	C:\Users\Dennis CTR Osterhage\Documents\1-Projects\1-KCHS\RNAV STARS\KCHS OSPRI STAR\KCHS OSPRI7 STAR DME 20190925_1231 EDT\KCHS OSPRI7 (RNAV) STAR DME 20191112.tgs
Output File:	C:\Users\Dennis CTR Osterhage\My Documents\1-Projects\1-KCHS\RNAV STARS\KCHS OSPRI STARKCHS [IFPA] OSPRI7 20191113_0959 EST\DEFFN_TRTLS\KCHS OSPRI7 RNAV STAR DEFFN TRTLS 20191113_0959 EST.pdf
Procedure Name:	OSPRI7
Software: DmeDmePlugin:	6.0.0
Date/Time:	11/13/2019 09:59 EST
Databases:	DTED Level 0 MAX

### Failures

No Failures

### Warnings

No Warnings

### Notes For Flight Check

None

### Flight Plan

Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
DEFFN	WP	N34° 29' 13.420", W081° 55' 05.640"	11000	VNAV	250	FLY_BY	TF
WBODY	WP	N34° 08' 54.390", W081° 37' 55.130"	11000	VNAV	250	FLY_BY	TF
BJETS	WP	N33° 54' 56.620", W081° 26' 22.470"	11000	VNAV	250	FLY_BY	TF
GMAST	WP	N33° 43' 43.750", W081° 17' 22.730"	11000	VNAV	250	FLY_BY	TF
TRTLS	WP	N33° 13' 58.360", W080° 40' 24.510"	10000	VNAV	250	FLY_BY	TF

### Flyability

Flight Type:	RNAV_STAR
Selected Airport:	KCHS [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 OSPRI7 path DEFFN\_TRTLS

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:	Not 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	FLO	N34° 13' 58.685", W079° 39' 25.780"	3.0 W	130	H	IFPA	NO	Enabled	32 %	32 %
2	GRD	N34° 15' 05.638", W082° 09' 14.936"	1.0 W	130	H	IFPA	NO	Enabled	74 %	74 %
3	SPA	N35° 02' 01.053", W081° 55' 37.236"	2.0 W	130	H	IFPA	NO	Enabled	59 %	59 %
4	CHS	N32° 53' 39.549", W080° 02' 16.131"	5.0 W	130	H	IFPA	NO	Enabled	52.8 %	52.8 %
5	VAN	N33° 28' 29.388", W080° 26' 55.114"	6.0 W	40	L	IFPA	NO	Enabled	35.9 %	35.9 %
6	CAE	N33° 51' 26.099", W081° 03' 14.050"	2.0 W	130	H	IFPA	NO	Enabled	96 %	96 %
7	IRQ	N33° 42' 26.472", W082° 09' 43.432"	4.0 W	130	H	IFPA	NO	Enabled	69.4 %	69.4 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	CAE	GRD	SPA			
15.7	CAE	IRQ	SPA	GRD		
18.0	CAE	IRQ	GRD			
19.4	CAE	IRQ	SPA	GRD		
46.3	IRQ	SPA	CAE	CHS	GRD	
59.5	GRD	CAE	CHS	IRQ		
62.8	VAN	CAE	GRD	CHS	IRQ	
72.6	VAN	CAE	IRQ	FLO	CHS	
72.6	VAN	CAE	FLO	CHS		
86.9	VAN	CAE	FLO	CHS	IRQ	
94.2	CHS	VAN	FLO	IRQ		

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

# DME DME Assessment Results for OSPRI7 path DEFFN\_TRTLS

## Available DMEs by Waypoints

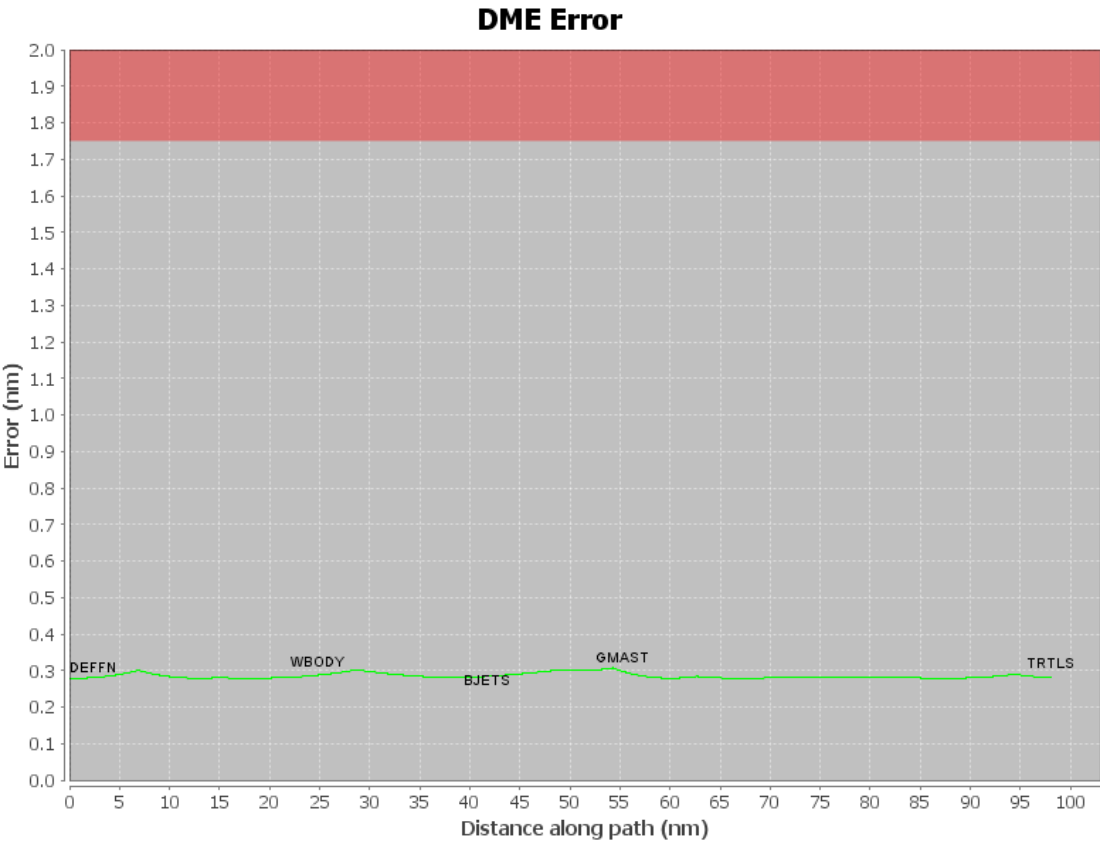
Waypoint Before	Waypoint After	DME List
DEFFN	WBODY	SPA, CAE, GRD, IRQ
WBODY	BJETS	SPA, CAE, GRD, IRQ
BJETS	GMAST	SPA, CAE, GRD, IRQ, CHS
GMAST	TRTLS	VAN, SPA, CAE, GRD, FLO, IRQ, CHS

## User Data Files

#	File Name
1	UserDMEsKCHS [IFPA] OSPRI7 RNAV STAR_20190925_1231 EDT.udt

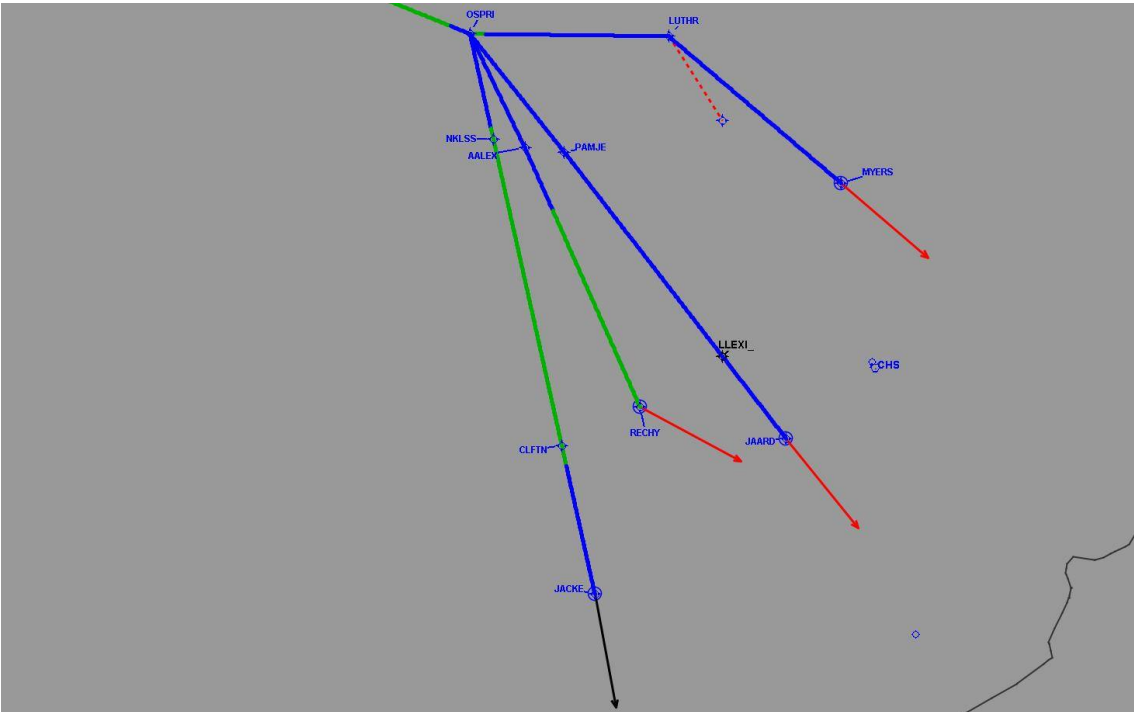
## User DMEs

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	UDT ESV SAV SAV [IFPA]	N32° 08' 46.563", W081° 11' 56.780"	6.0 W	130	39.4	115.95	UDT ESV SAV	
ESV:		Bearing [True]: 34.0° to 64.0° Bearing [Mag]: 40.0° to 70.0°				Arc Distance: Out to 72.0 NM Altitude: 4000.0 to 10000.0 ft		
2	UDT ESV CAE CAE [IFPA]	N33° 51' 26.099", W081° 03' 14.050"	2.0 W	130	410.1	114.7	UDT ESV CAE	
ESV:		Bearing [True]: 250.0° to 337.0° Bearing [Mag]: 252.0° to 339.0°				Arc Distance: Out to 65.0 NM Altitude: 10000.0 to 24000.0 ft		
3	UDT ESV FLO FLO [IFPA]	N34° 13' 58.685", W079° 39' 25.780"	3.0 W	130	105	115.2	UDT ESV FLO	
ESV:		Bearing [True]: 200.0° to 288.0° Bearing [Mag]: 203.0° to 291.0°				Arc Distance: Out to 85.0 NM Altitude: 6000.0 to 24000.0 ft		
4	UDT ESV GRD GRD [IFPA]	N34° 15' 05.638", W082° 09' 14.936"	1.0 W	130	630	115.5	UDT ESV GRD	
ESV:		Bearing [True]: 11.0° to 164.0° Bearing [Mag]: 12.0° to 165.0°				Arc Distance: Out to 71.0 NM Altitude: 10000.0 to 24000.0 ft		
5	UDT ESV IRQ IRQ [IFPA]	N33° 42' 26.472", W082° 09' 43.432"	4.0 W	130	420	113.9	UDT ESV IRQ	
ESV:		Bearing [True]: 36.0° to 104.0° Bearing [Mag]: 40.0° to 108.0°				Arc Distance: Out to 72.0 NM Altitude: 10000.0 to 24000.0 ft		
6	UDT ESV SPA SPA [IFPA]	N35° 02' 01.053", W081° 55' 37.236"	2.0 W	130	935.4	115.7	UDT ESV SPA	
ESV:		Bearing [True]: 112.0° to 192.0° Bearing [Mag]: 114.0° to 194.0°				Arc Distance: Out to 90.0 NM Altitude: 10000.0 to 24000.0 ft		
7	UDT ESV IRQ IRQ [IFPA]	N33° 42' 26.472", W082° 09' 43.432"	4.0 W	130	420	113.9	UDT ESV IRQ	
ESV:		Bearing [True]: 104.0° to 116.0° Bearing [Mag]: 108.0° to 120.0°				Arc Distance: Out to 90.0 NM Altitude: 10000.0 to 24000.0 ft		
8	UDT ESV FLO FLO [IFPA]	N34° 13' 58.685", W079° 39' 25.780"	3.0 W	130	105	115.2	UDT ESV FLO	
ESV:		Bearing [True]: 270.0° to 355.0° Bearing [Mag]: 273.0° to 358.0°				Arc Distance: Out to 70.0 NM Altitude: 6000.0 to 33000.0 ft		
9	UDT ESV CAE CAE [IFPA]	N33° 51' 26.099", W081° 03' 14.050"	2.0 W	130	410.1	114.7	UDT ESV CAE	
ESV:		Bearing [True]: 15.0° to 62.0° Bearing [Mag]: 17.0° to 64.0°				Arc Distance: Out to 70.0 NM Altitude: 6500.0 to 18000.0 ft		
10	UDT ESV CHS CHS [IFPA]	N32° 53' 39.549", W080° 02' 16.131"	5.0 W	130	39	113.5	UDT ESV CHS	
ESV:		Bearing [True]: 290.0° to 337.0° Bearing [Mag]: 295.0° to 342.0°				Arc Distance: Out to 90.0 NM Altitude: 10000.0 to 24000.0 ft		

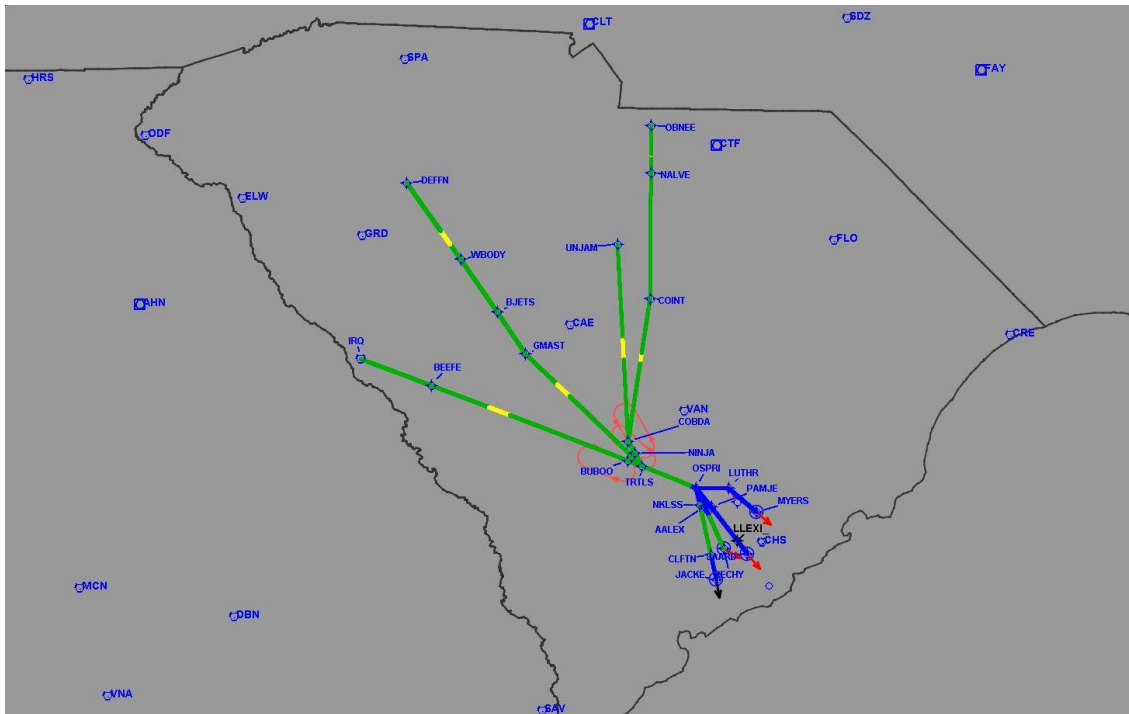


DME DME Assessment Results for OSPRI7 path DEFFN\_TRTLS

Graphic Depiction 1

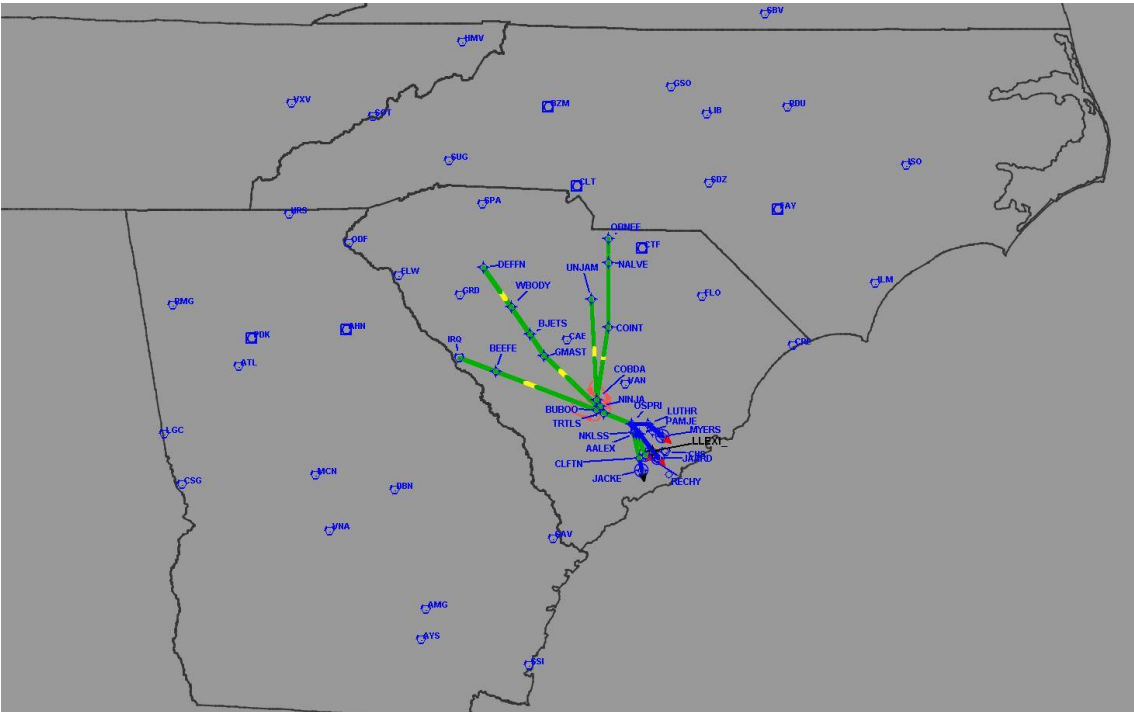


### Graphic Depiction 2



DME DME Assessment Results for OSPRI7 path DEFFN\_TRTLS

Graphic Depiction 3



## DME DME Assessment Results for OSPRI7 path GMAST\_DEFFN

### Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Dennis CTR Osterhage
Project File:	C:\Users\Dennis CTR Osterhage\Documents\1-Projects\1-KCHS\RNAV STARS\KCHS OSPRI STAR\KCHS OSPRI7 STAR DME 20190925_1231 EDT\KCHS OSPRI7 (RNAV) STAR DME 20191112.tgs
Output File:	C:\Users\Dennis CTR Osterhage\My Documents\1-Projects\1-KCHS\RNAV STARS\KCHS OSPRI STAR\KCHS [IFPA] OSPRI7 20191113_0959 EST\GMAST_DEFFN\KCHS OSPRI7 RNAV STAR GMAST DEFFN 20191113_0959 EST.pdf
Procedure Name:	OSPRI7
Software: DmeDmePlugin:	6.0.0
Date/Time:	11/13/2019 09:59 EST
Databases:	DTED Level 0 MAX

### Failures

No Failures

### Warnings

No Warnings

### Notes For Flight Check

None

### Flight Plan

Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
GMAST	WP	N33° 43' 43.750", W081° 17' 22.730"	11000	VNAV	250	FLY_BY	TF
BJETS	WP	N33° 54' 56.620", W081° 26' 22.470"	11000	VNAV	250	FLY_BY	TF
WBODY	WP	N34° 08' 54.390", W081° 37' 55.130"	11000	VNAV	250	FLY_BY	TF
DEFFN	WP	N34° 29' 13.420", W081° 55' 05.640"	11000	VNAV	250	FLY_BY	TF

### Flyability

Flight Type:	RNAV_STAR
Selected Airport:	KCHS [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 OSPRI7 path GMAST\_DEFFN

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:	Not 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	GRD	N34° 15' 05.638", W082° 09' 14.936"	1.0 W	130	H	IFPA	NO	Enabled	100 %	100 %
2	SPA	N35° 02' 01.053", W081° 55' 37.236"	2.0 W	130	H	IFPA	NO	Enabled	97.2 %	97.2 %
3	CHS	N32° 53' 39.549", W080° 02' 16.131"	5.0 W	130	H	IFPA	NO	Enabled	16.1 %	16.1 %
4	CAE	N33° 51' 26.099", W081° 03' 14.050"	2.0 W	130	H	IFPA	NO	Enabled	100 %	100 %
5	IRQ	N33° 42' 26.472", W082° 09' 43.432"	4.0 W	130	H	IFPA	NO	Enabled	71.6 %	71.6 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	GRD	CAE	SPA	CHS	IRQ	
9.0	IRQ	SPA	CAE	GRD		
35.8	CAE	IRQ	GRD			
37.3	CAE	IRQ	SPA	GRD		
39.6	SPA	GRD	CAE			

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

Available DMEs by Waypoints		
Waypoint Before	Waypoint After	DME List
GMAST	BJETS	SPA, CAE, GRD, IRQ, CHS
BJETS	WBODY	SPA, CAE, GRD, IRQ
WBODY	DEFFN	SPA, CAE, GRD, IRQ



# DME DME Assessment Results for OSPRI7 path GMAST\_DEFFN

## User Data Files

#	File Name
1	UserDMEsKCHS [IFPA] OSPRI7 RNAV STAR_20190925_1231 EDT.udt

## User DMEs

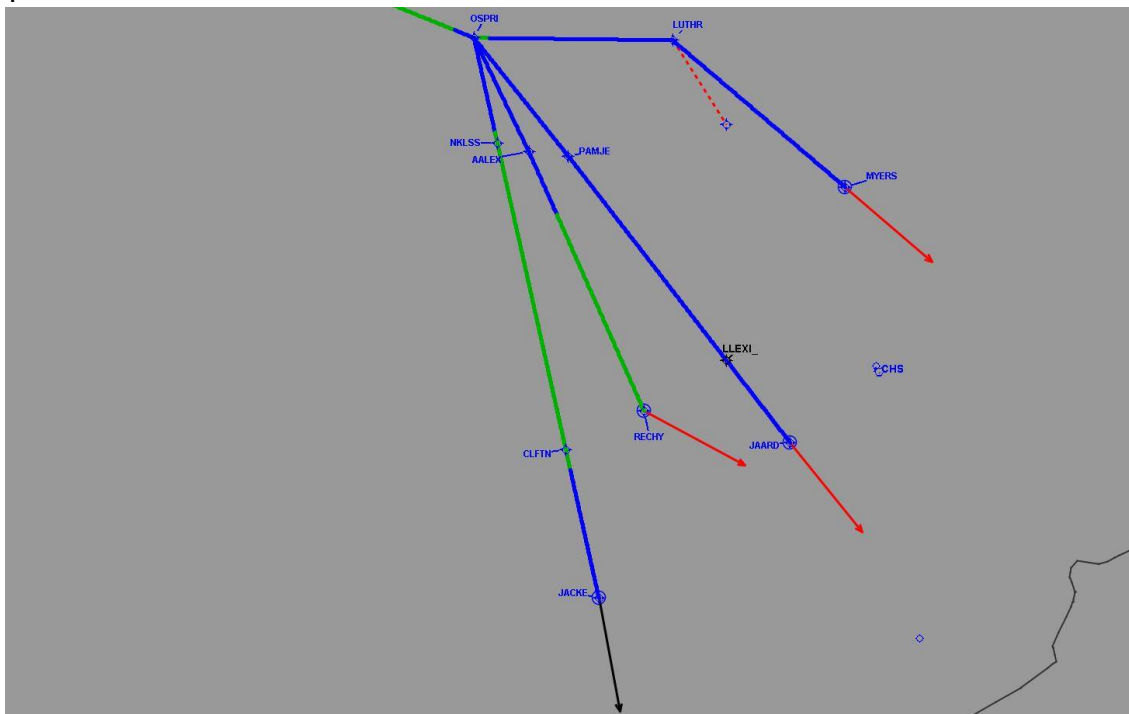
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	UDT ESV SAV SAV [IFPA]	N32° 08' 46.563", W081° 11' 56.780"	6.0 W	130	39.4	115.95	UDT ESV SAV	
ESV:		Bearing [True]: 34.0° to 64.0° Bearing [Mag]: 40.0° to 70.0°				Arc Distance: Out to 72.0 NM Altitude: 4000.0 to 10000.0 ft		
2	UDT ESV CAE CAE [IFPA]	N33° 51' 26.099", W081° 03' 14.050"	2.0 W	130	410.1	114.7	UDT ESV CAE	
ESV:		Bearing [True]: 250.0° to 337.0° Bearing [Mag]: 252.0° to 339.0°				Arc Distance: Out to 65.0 NM Altitude: 10000.0 to 24000.0 ft		
3	UDT ESV FLO FLO [IFPA]	N34° 13' 58.685", W079° 39' 25.780"	3.0 W	130	105	115.2	UDT ESV FLO	
ESV:		Bearing [True]: 200.0° to 288.0° Bearing [Mag]: 203.0° to 291.0°				Arc Distance: Out to 85.0 NM Altitude: 6000.0 to 24000.0 ft		
4	UDT ESV GRD GRD [IFPA]	N34° 15' 05.638", W082° 09' 14.936"	1.0 W	130	630	115.5	UDT ESV GRD	
ESV:		Bearing [True]: 11.0° to 164.0° Bearing [Mag]: 12.0° to 165.0°				Arc Distance: Out to 71.0 NM Altitude: 10000.0 to 24000.0 ft		
5	UDT ESV IRQ IRQ [IFPA]	N33° 42' 26.472", W082° 09' 43.432"	4.0 W	130	420	113.9	UDT ESV IRQ	
ESV:		Bearing [True]: 36.0° to 104.0° Bearing [Mag]: 40.0° to 108.0°				Arc Distance: Out to 72.0 NM Altitude: 10000.0 to 24000.0 ft		
6	UDT ESV SPA SPA [IFPA]	N35° 02' 01.053", W081° 55' 37.236"	2.0 W	130	935.4	115.7	UDT ESV SPA	
ESV:		Bearing [True]: 112.0° to 192.0° Bearing [Mag]: 114.0° to 194.0°				Arc Distance: Out to 90.0 NM Altitude: 10000.0 to 24000.0 ft		
7	UDT ESV IRQ IRQ [IFPA]	N33° 42' 26.472", W082° 09' 43.432"	4.0 W	130	420	113.9	UDT ESV IRQ	
ESV:		Bearing [True]: 104.0° to 116.0° Bearing [Mag]: 108.0° to 120.0°				Arc Distance: Out to 90.0 NM Altitude: 10000.0 to 24000.0 ft		
8	UDT ESV FLO FLO [IFPA]	N34° 13' 58.685", W079° 39' 25.780"	3.0 W	130	105	115.2	UDT ESV FLO	
ESV:		Bearing [True]: 270.0° to 355.0° Bearing [Mag]: 273.0° to 358.0°				Arc Distance: Out to 70.0 NM Altitude: 6000.0 to 33000.0 ft		
9	UDT ESV CAE CAE [IFPA]	N33° 51' 26.099", W081° 03' 14.050"	2.0 W	130	410.1	114.7	UDT ESV CAE	
ESV:		Bearing [True]: 15.0° to 62.0° Bearing [Mag]: 17.0° to 64.0°				Arc Distance: Out to 70.0 NM Altitude: 6500.0 to 18000.0 ft		
10	UDT ESV CHS CHS [IFPA]	N32° 53' 39.549", W080° 02' 16.131"	5.0 W	130	39	113.5	UDT ESV CHS	
ESV:		Bearing [True]: 290.0° to 337.0° Bearing [Mag]: 295.0° to 342.0°				Arc Distance: Out to 90.0 NM Altitude: 10000.0 to 24000.0 ft		

## DME DME Assessment Results for OSPRI7 path GMAST\_DEFFN



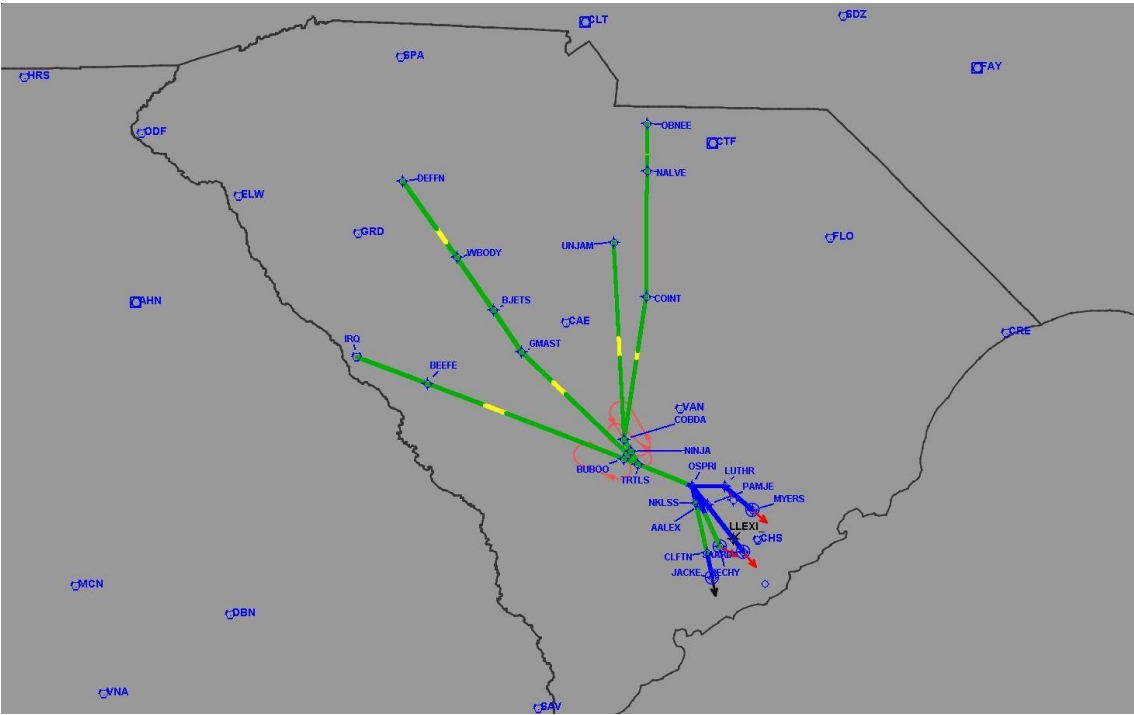
## DME DME Assessment Results for OSPRI7 path GMAST\_DEFFN

Graphic Depiction 1

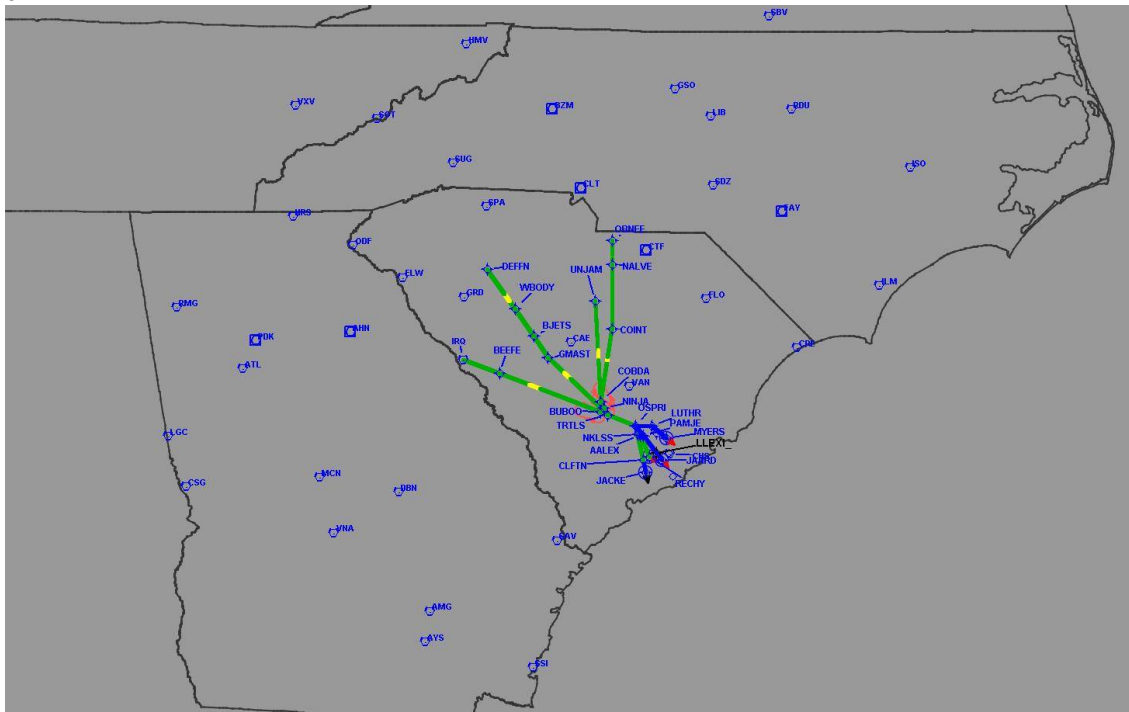


DME DME Assessment Results for OSPRI7 path GMAST\_DEFFN

Graphic Depiction 2



### Graphic Depiction 3



## DME DME Assessment Results for OSPRI7 path IRQ\_TRTLS

### Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Dennis CTR Osterhage
Project File:	C:\Users\Dennis CTR Osterhage\Documents\1-Projects\1-KCHS\RNAV STARS\KCHS OSPRI STAR\KCHS OSPRI7 STAR DME 20190925_1231 EDT\KCHS OSPRI7 (RNAV) STAR DME 20191112.tgs
Output File:	C:\Users\Dennis CTR Osterhage\My Documents\1-Projects\1-KCHS\RNAV STARS\KCHS OSPRI STAR\KCHS [IFPA] OSPRI7 20191113_0959 EST\IRQ_TRTLS\KCHS OSPRI7 RNAV STAR IRQ TRTLS 20191113_0959 EST.pdf
Procedure Name:	OSPRI7
Software: DmeDmePlugin:	6.0.0
Date/Time:	11/13/2019 09:59 EST
Databases:	DTED Level 0 MAX

### Failures

No Failures

### Warnings

No Warnings

### Notes For Flight Check

None

### Flight Plan

Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
IRQ	WP	N33° 42' 26.472", W082° 09' 43.432"	18000	VNAV	250	FLY_BY	TF
BEEFE	WP	N33° 35' 23.290", W081° 47' 13.250"	18000	VNAV	250	FLY_BY	TF
BUBOO	WP	N33° 15' 23.730", W080° 44' 52.030"	11000	VNAV	250	FLY_BY	TF
TRTLS	WP	N33° 13' 58.360", W080° 40' 24.510"	10000	VNAV	250	FLY_BY	TF

### Flyability

Flight Type:	RNAV_STAR
Selected Airport:	KCHS [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 OSPRI7 path IRQ\_TRTLS

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:	Not 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	FLO	N34° 13' 58.685", W079° 39' 25.780"	3.0 W	130	H	IFPA	NO	Enabled	9.4 %	9.4 %
2	GRD	N34° 15' 05.638", W082° 09' 14.936"	1.0 W	130	H	IFPA	NO	Enabled	62.2 %	62.2 %
3	SPA	N35° 02' 01.053", W081° 55' 37.236"	2.0 W	130	H	IFPA	NO	Enabled	31.4 %	31.4 %
4	SAV	N32° 08' 46.563", W081° 11' 56.780"	6.0 W	130	H	IFPA	NO	Enabled	16 %	16 %
5	CHS	N32° 53' 39.549", W080° 02' 16.131"	5.0 W	130	H	IFPA	NO	Enabled	76.9 %	76.9 %
6	ODF	N34° 41' 45.142", W083° 17' 51.580"	0.0 E	130	H	IFPA	NO	Enabled	22.8 %	22.8 %
7	VAN	N33° 28' 29.388", W080° 26' 55.114"	6.0 W	40	L	IFPA	NO	Enabled	35.6 %	35.6 %
8	CAE	N33° 51' 26.099", W081° 03' 14.050"	2.0 W	130	H	IFPA	NO	Enabled	90.7 %	90.7 %
9	MCN	N32° 41' 28.266", W083° 38' 49.860"	1.0 E	130	H	IFPA	NO	Enabled	0.5 %	0.5 %
10	IRQ	N33° 42' 26.472", W082° 09' 43.432"	4.0 W	130	H	IFPA	NO	Enabled	95 %	95.1 %

## DME DME Assessment Results for OSPRI7 path IRQ\_TRTLS

### Flight Check DME Selection

Distance [NM]	Selected DMEs					Alternate
0.0	GRD	CAE	SPA	ODF	MCN	
0.5	GRD	CAE	SPA	ODF		
4.0	GRD	CAE	SPA	IRQ	ODF	
18.3	GRD	CAE	SAV	SPA	IRQ	CHS
25.2	GRD	CAE	SAV	IRQ	CHS	
25.8	SAV	CAE	IRQ	CHS		
27.0	GRD	CAE	IRQ			
27.8	GRD	CAE	IRQ	CHS		
51.0	IRQ	CAE	CHS			
51.5	IRQ	CAE	CHS	VAN		
72.4	VAN	CAE	FLO	CHS	IRQ	
72.5	FLO	CHS	VAN	IRQ		

### Inertial Drift Segments

#	Start Location	End Location	Length [NM]
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### Available DMEs by Waypoints

Waypoint Before	Waypoint After	DME List
IRQ	BEEFE	ODF, SPA, CAE, GRD, MCN, IRQ, SAV, CHS
BEEFE	BUBOO	VAN, SPA, CAE, GRD, FLO, SAV, IRQ, CHS
BUBOO	TRTLS	VAN, FLO, IRQ, CHS

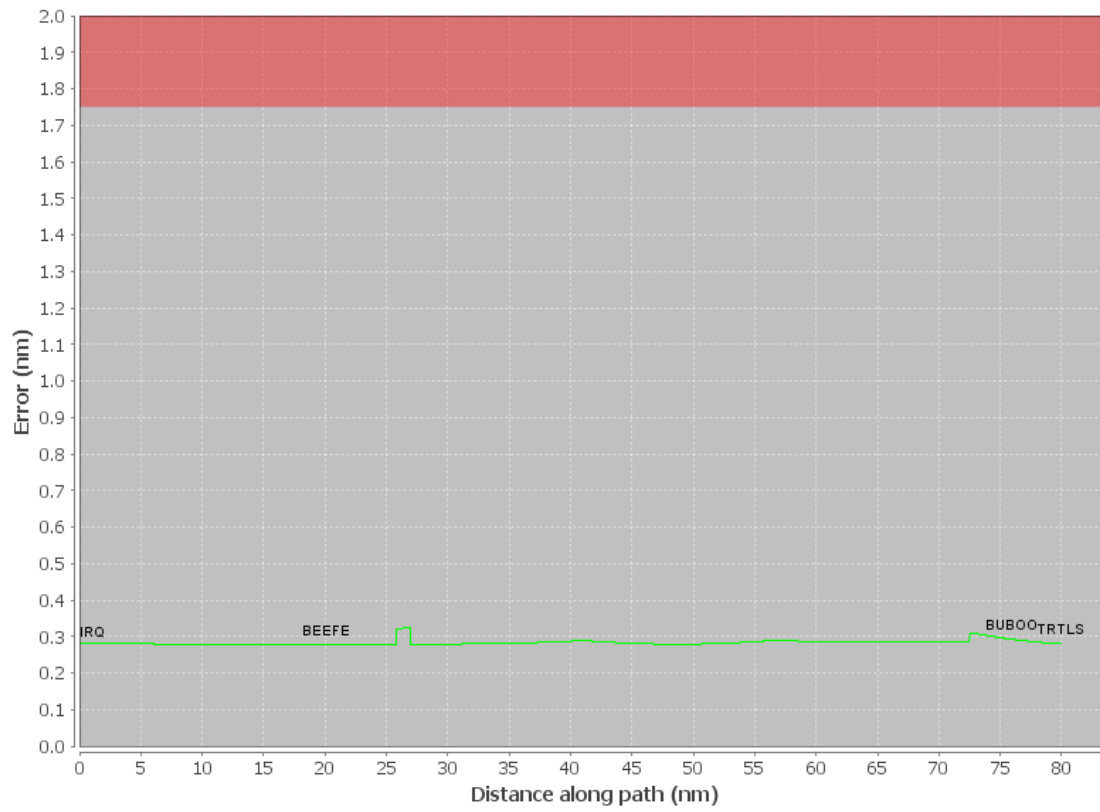


# DME DME Assessment Results for OSPRI7 path IRQ\_TRTLS

User Data Files								
#	File Name							
1	UserDMEsKCHS [IFPA] OSPRI7 RNAV STAR_20190925_1231 EDT.udt							
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	UDT ESV SAV SAV [IFPA]	N32° 08' 46.563", W081° 11' 56.780"	6.0 W	130	39.4	115.95	UDT ESV SAV	
ESV:		Bearing [True]: 34.0° to 64.0° Bearing [Mag]: 40.0° to 70.0°				Arc Distance: Out to 72.0 NM Altitude: 4000.0 to 10000.0 ft		
2	UDT ESV CAE CAE [IFPA]	N33° 51' 26.099", W081° 03' 14.050"	2.0 W	130	410.1	114.7	UDT ESV CAE	
ESV:		Bearing [True]: 250.0° to 337.0° Bearing [Mag]: 252.0° to 339.0°				Arc Distance: Out to 65.0 NM Altitude: 10000.0 to 24000.0 ft		
3	UDT ESV FLO FLO [IFPA]	N34° 13' 58.685", W079° 39' 25.780"	3.0 W	130	105	115.2	UDT ESV FLO	
ESV:		Bearing [True]: 200.0° to 288.0° Bearing [Mag]: 203.0° to 291.0°				Arc Distance: Out to 85.0 NM Altitude: 6000.0 to 24000.0 ft		
4	UDT ESV GRD GRD [IFPA]	N34° 15' 05.638", W082° 09' 14.936"	1.0 W	130	630	115.5	UDT ESV GRD	
ESV:		Bearing [True]: 11.0° to 164.0° Bearing [Mag]: 12.0° to 165.0°				Arc Distance: Out to 71.0 NM Altitude: 10000.0 to 24000.0 ft		
5	UDT ESV IRQ IRQ [IFPA]	N33° 42' 26.472", W082° 09' 43.432"	4.0 W	130	420	113.9	UDT ESV IRQ	
ESV:		Bearing [True]: 36.0° to 104.0° Bearing [Mag]: 40.0° to 108.0°				Arc Distance: Out to 72.0 NM Altitude: 10000.0 to 24000.0 ft		
6	UDT ESV SPA SPA [IFPA]	N35° 02' 01.053", W081° 55' 37.236"	2.0 W	130	935.4	115.7	UDT ESV SPA	
ESV:		Bearing [True]: 112.0° to 192.0° Bearing [Mag]: 114.0° to 194.0°				Arc Distance: Out to 90.0 NM Altitude: 10000.0 to 24000.0 ft		
7	UDT ESV IRQ IRQ [IFPA]	N33° 42' 26.472", W082° 09' 43.432"	4.0 W	130	420	113.9	UDT ESV IRQ	
ESV:		Bearing [True]: 104.0° to 116.0° Bearing [Mag]: 108.0° to 120.0°				Arc Distance: Out to 90.0 NM Altitude: 10000.0 to 24000.0 ft		
8	UDT ESV FLO FLO [IFPA]	N34° 13' 58.685", W079° 39' 25.780"	3.0 W	130	105	115.2	UDT ESV FLO	
ESV:		Bearing [True]: 270.0° to 355.0° Bearing [Mag]: 273.0° to 358.0°				Arc Distance: Out to 70.0 NM Altitude: 6000.0 to 33000.0 ft		
9	UDT ESV CAE CAE [IFPA]	N33° 51' 26.099", W081° 03' 14.050"	2.0 W	130	410.1	114.7	UDT ESV CAE	
ESV:		Bearing [True]: 15.0° to 62.0° Bearing [Mag]: 17.0° to 64.0°				Arc Distance: Out to 70.0 NM Altitude: 6500.0 to 18000.0 ft		
10	UDT ESV CHS CHS [IFPA]	N32° 53' 39.549", W080° 02' 16.131"	5.0 W	130	39	113.5	UDT ESV CHS	
ESV:		Bearing [True]: 290.0° to 337.0° Bearing [Mag]: 295.0° to 342.0°				Arc Distance: Out to 90.0 NM Altitude: 10000.0 to 24000.0 ft		

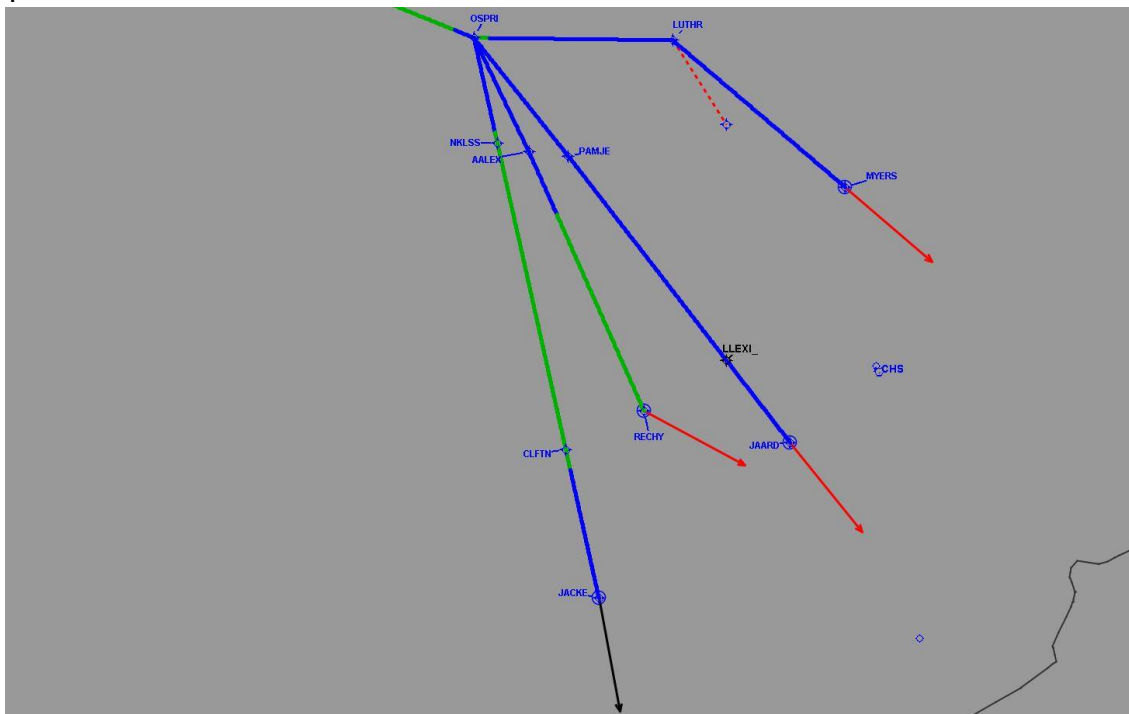
## DME DME Assessment Results for OSPRI7 path IRQ\_TRTLS

### DME Error



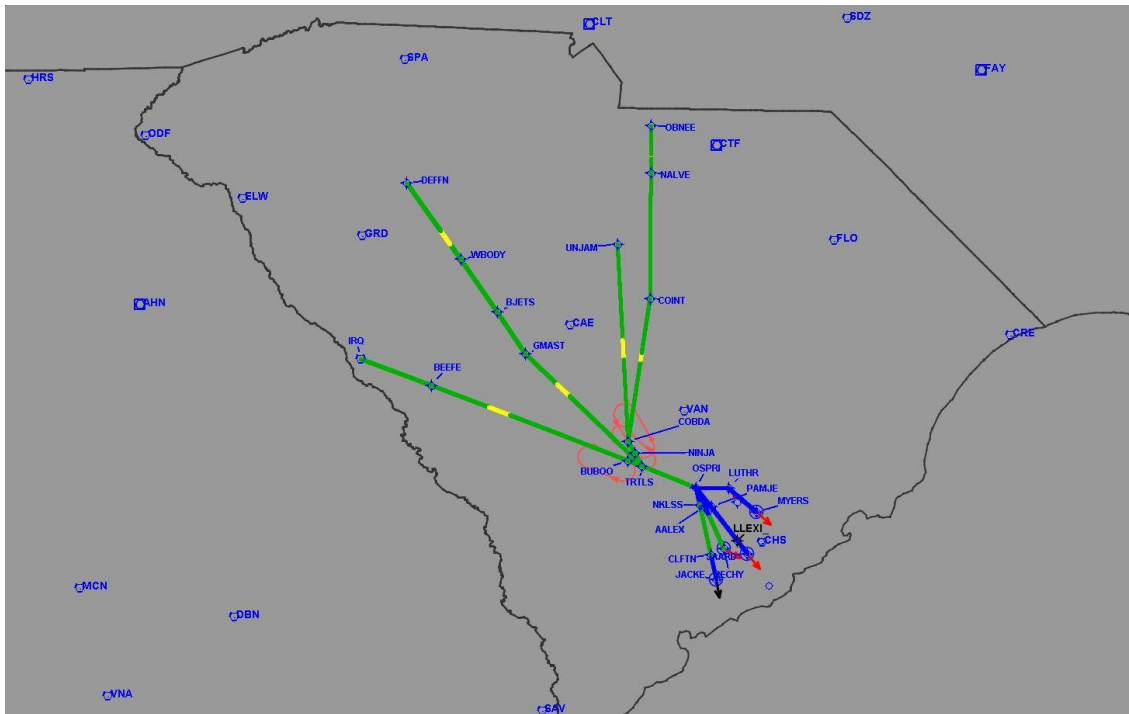
## DME DME Assessment Results for OSPRI7 path IRQ\_TRTLS

Graphic Depiction 1

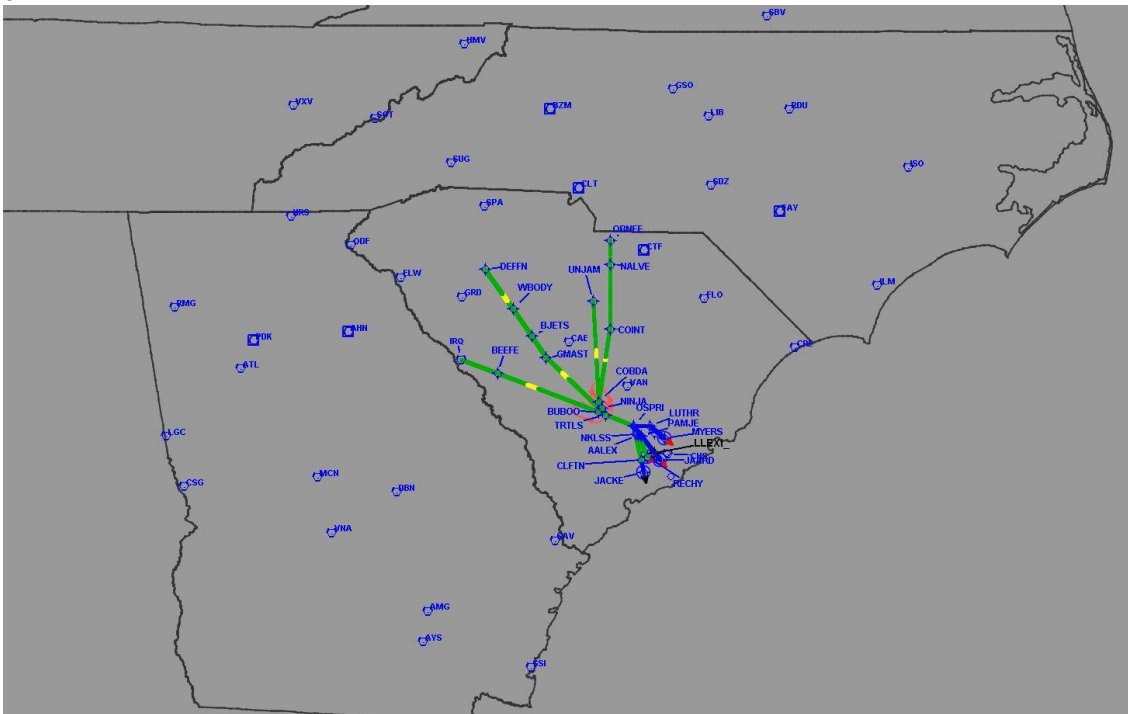


## DME DME Assessment Results for OSPRI7 path IRQ\_TRTLS

Graphic Depiction 2



### Graphic Depiction 3



## DME DME Assessment Results for OSPRI7 path NINJA\_OBNEE

### Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Dennis CTR Osterhage
Project File:	C:\Users\Dennis CTR Osterhage\Documents\1-Projects\1-KCHS\RNAV STARS\KCHS OSPRI STAR\KCHS OSPRI7 STAR DME 20190925_1231 EDT\KCHS OSPRI7 (RNAV) STAR DME 20191112.tgs
Output File:	C:\Users\Dennis CTR Osterhage\My Documents\1-Projects\1-KCHS\RNAV STARS\KCHS OSPRI STAR\KCHS [IFPA] OSPRI7 20191113_0959 EST\NINJA_OBNEE\KCHS OSPRI7 RNAV STAR NINJA OBNEE 20191113_0959 EST.pdf
Procedure Name:	OSPRI7
Software: DmeDmePlugin:	6.0.0
Date/Time:	11/13/2019 09:59 EST
Databases:	DTED Level 0 MAX

### Failures

No Failures

### Warnings

No Warnings

### Notes For Flight Check

None

### Flight Plan

Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
NINJA	WP	N33° 17' 27.170", W080° 42' 46.440"	11000	VNAV	250	FLY_BY	TF
COBDA	WP	N33° 20' 28.270", W080° 44' 49.720"	11000	VNAV	250	FLY_BY	TF
COINT	WP	N33° 58' 22.470", W080° 37' 53.430"	11000	VNAV	250	FLY_BY	TF
NALVE	WP	N34° 31' 53.790", W080° 37' 35.980"	11000	VNAV	250	FLY_BY	TF
OBNEE	WP	N34° 44' 24.200", W080° 37' 35.920"	11000	VNAV	250	FLY_BY	TF

### Flyability

Flight Type:	RNAV_STAR
Selected Airport:	KCHS [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 OSPRI7 path NINJA\_OBNEE

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:	Not 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	FLO	N34° 13' 58.685", W079° 39' 25.780"	3.0 W	130	H	IFPA	NO	Enabled	100 %	100 %
2	SPA	N35° 02' 01.053", W081° 55' 37.236"	2.0 W	130	H	IFPA	NO	Enabled	34.9 %	34.9 %
3	CHS	N32° 53' 39.549", W080° 02' 16.131"	5.0 W	130	H	IFPA	NO	Enabled	44.5 %	44.5 %
4	CTF	N34° 39' 01.793", W080° 16' 29.699"	3.0 W	40	L	IFPA	NO	Enabled	44.4 %	44.4 %
5	CLT	N35° 11' 25.704", W080° 57' 07.176"	5.0 W	40	L	IFPA	NO	Enabled	8.9 %	8.9 %
6	VAN	N33° 28' 29.388", W080° 26' 55.114"	6.0 W	40	L	IFPA	NO	Enabled	56.5 %	56.5 %
7	CAE	N33° 51' 26.099", W081° 03' 14.050"	2.0 W	130	H	IFPA	NO	Enabled	100 %	100 %
8	IRQ	N33° 42' 26.472", W082° 09' 43.432"	4.0 W	130	H	IFPA	NO	Enabled	7.5 %	7.5 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	VAN	CAE	CHS	FLO	IRQ	
6.7	VAN	CAE	FLO	CHS		
39.1	FLO	VAN	CAE			
46.5	FLO	VAN	CAE	SPA		
48.8	FLO	VAN	CAE	SPA	CTF	
49.7	SPA	CTF	CAE	FLO		
77.2	FLO	CAE	CTF			
79.9	FLO	CAE	CTF	CLT		

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

# DME DME Assessment Results for OSPRI7 path NINJA\_OBNEE

## Available DMEs by Waypoints

Waypoint Before	Waypoint After	DME List
NINJA	COBDA	VAN, CAE, FLO, IRQ, CHS
COBDA	COINT	VAN, CAE, FLO, IRQ, CHS
COINT	NALVE	VAN, CTF, SPA, CAE, FLO
NALVE	OBNEE	CTF, SPA, CAE, FLO, CLT

## User Data Files

#	File Name
1	UserDMEsKCHS [IFPA] OSPRI7 RNAV STAR_20190925_1231 EDT.udt

## User DMEs

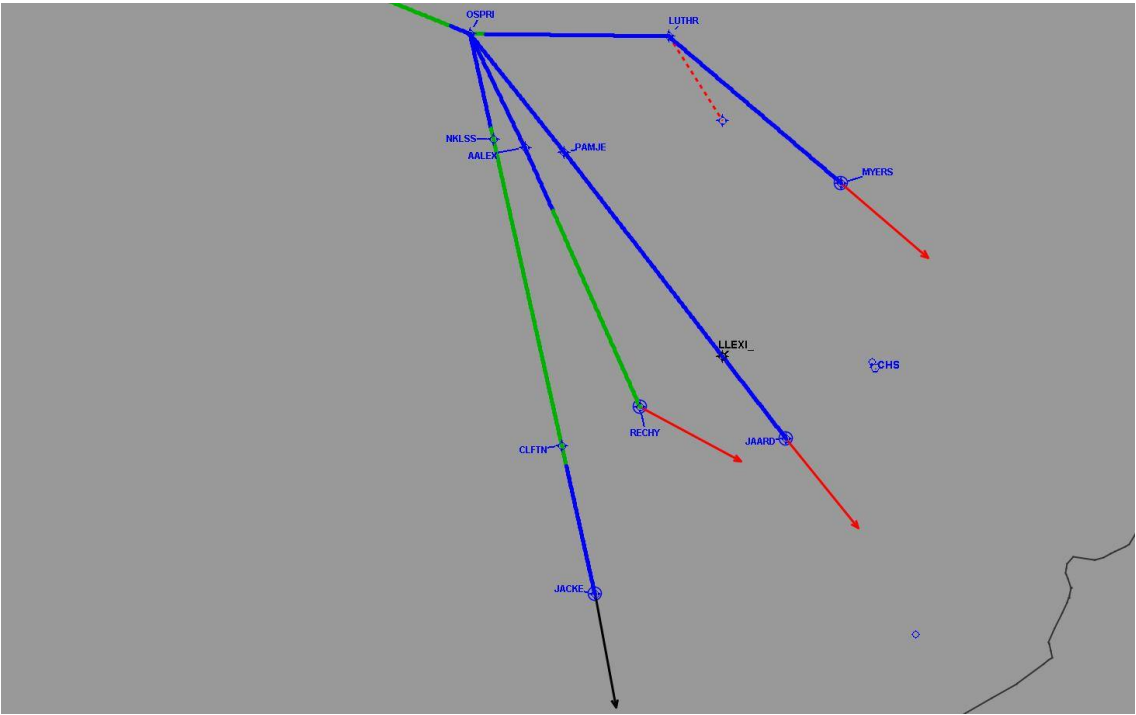
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	UDT ESV SAV SAV [IFPA]	N32° 08' 46.563", W081° 11' 56.780"	6.0 W	130	39.4	115.95	UDT ESV SAV	
ESV:		Bearing [True]: 34.0° to 64.0° Bearing [Mag]: 40.0° to 70.0°				Arc Distance: Out to 72.0 NM Altitude: 4000.0 to 10000.0 ft		
2	UDT ESV CAE CAE [IFPA]	N33° 51' 26.099", W081° 03' 14.050"	2.0 W	130	410.1	114.7	UDT ESV CAE	
ESV:		Bearing [True]: 250.0° to 337.0° Bearing [Mag]: 252.0° to 339.0°				Arc Distance: Out to 65.0 NM Altitude: 10000.0 to 24000.0 ft		
3	UDT ESV FLO FLO [IFPA]	N34° 13' 58.685", W079° 39' 25.780"	3.0 W	130	105	115.2	UDT ESV FLO	
ESV:		Bearing [True]: 200.0° to 288.0° Bearing [Mag]: 203.0° to 291.0°				Arc Distance: Out to 85.0 NM Altitude: 6000.0 to 24000.0 ft		
4	UDT ESV GRD GRD [IFPA]	N34° 15' 05.638", W082° 09' 14.936"	1.0 W	130	630	115.5	UDT ESV GRD	
ESV:		Bearing [True]: 11.0° to 164.0° Bearing [Mag]: 12.0° to 165.0°				Arc Distance: Out to 71.0 NM Altitude: 10000.0 to 24000.0 ft		
5	UDT ESV IRQ IRQ [IFPA]	N33° 42' 26.472", W082° 09' 43.432"	4.0 W	130	420	113.9	UDT ESV IRQ	
ESV:		Bearing [True]: 36.0° to 104.0° Bearing [Mag]: 40.0° to 108.0°				Arc Distance: Out to 72.0 NM Altitude: 10000.0 to 24000.0 ft		
6	UDT ESV SPA SPA [IFPA]	N35° 02' 01.053", W081° 55' 37.236"	2.0 W	130	935.4	115.7	UDT ESV SPA	
ESV:		Bearing [True]: 112.0° to 192.0° Bearing [Mag]: 114.0° to 194.0°				Arc Distance: Out to 90.0 NM Altitude: 10000.0 to 24000.0 ft		
7	UDT ESV IRQ IRQ [IFPA]	N33° 42' 26.472", W082° 09' 43.432"	4.0 W	130	420	113.9	UDT ESV IRQ	
ESV:		Bearing [True]: 104.0° to 116.0° Bearing [Mag]: 108.0° to 120.0°				Arc Distance: Out to 90.0 NM Altitude: 10000.0 to 24000.0 ft		
8	UDT ESV FLO FLO [IFPA]	N34° 13' 58.685", W079° 39' 25.780"	3.0 W	130	105	115.2	UDT ESV FLO	
ESV:		Bearing [True]: 270.0° to 355.0° Bearing [Mag]: 273.0° to 358.0°				Arc Distance: Out to 70.0 NM Altitude: 6000.0 to 33000.0 ft		
9	UDT ESV CAE CAE [IFPA]	N33° 51' 26.099", W081° 03' 14.050"	2.0 W	130	410.1	114.7	UDT ESV CAE	
ESV:		Bearing [True]: 15.0° to 62.0° Bearing [Mag]: 17.0° to 64.0°				Arc Distance: Out to 70.0 NM Altitude: 6500.0 to 18000.0 ft		
10	UDT ESV CHS CHS [IFPA]	N32° 53' 39.549", W080° 02' 16.131"	5.0 W	130	39	113.5	UDT ESV CHS	
ESV:		Bearing [True]: 290.0° to 337.0° Bearing [Mag]: 295.0° to 342.0°				Arc Distance: Out to 90.0 NM Altitude: 10000.0 to 24000.0 ft		



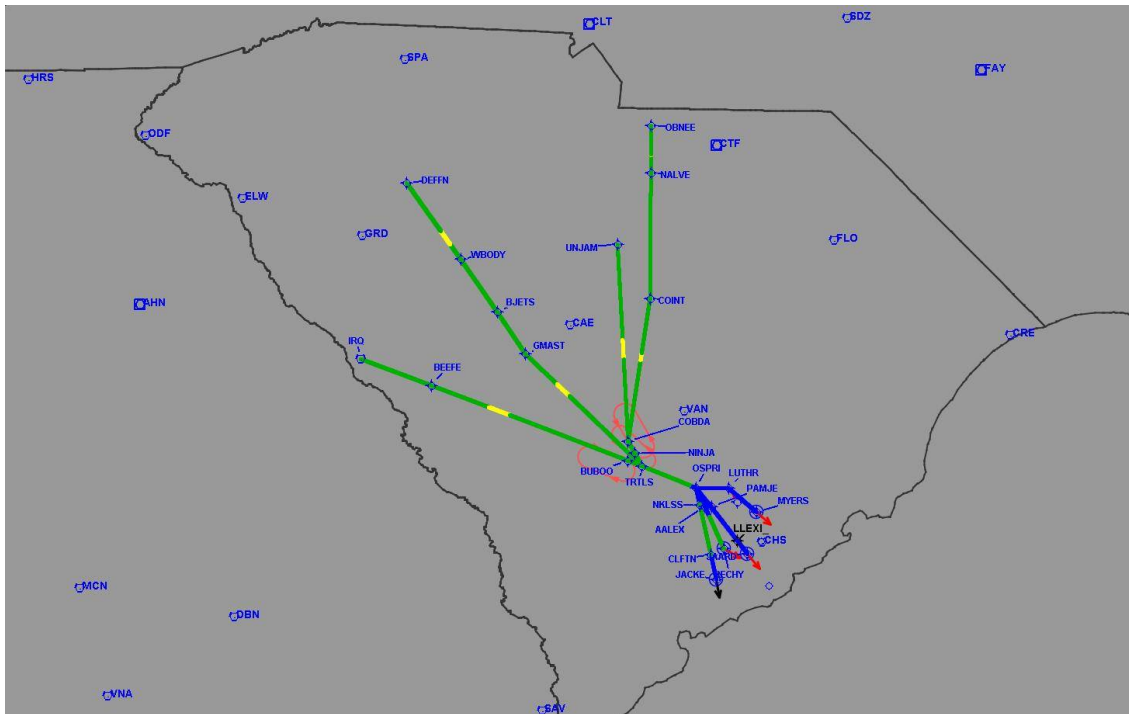


DME DME Assessment Results for OSPRI7 path NINJA\_OBNEE

Graphic Depiction 1

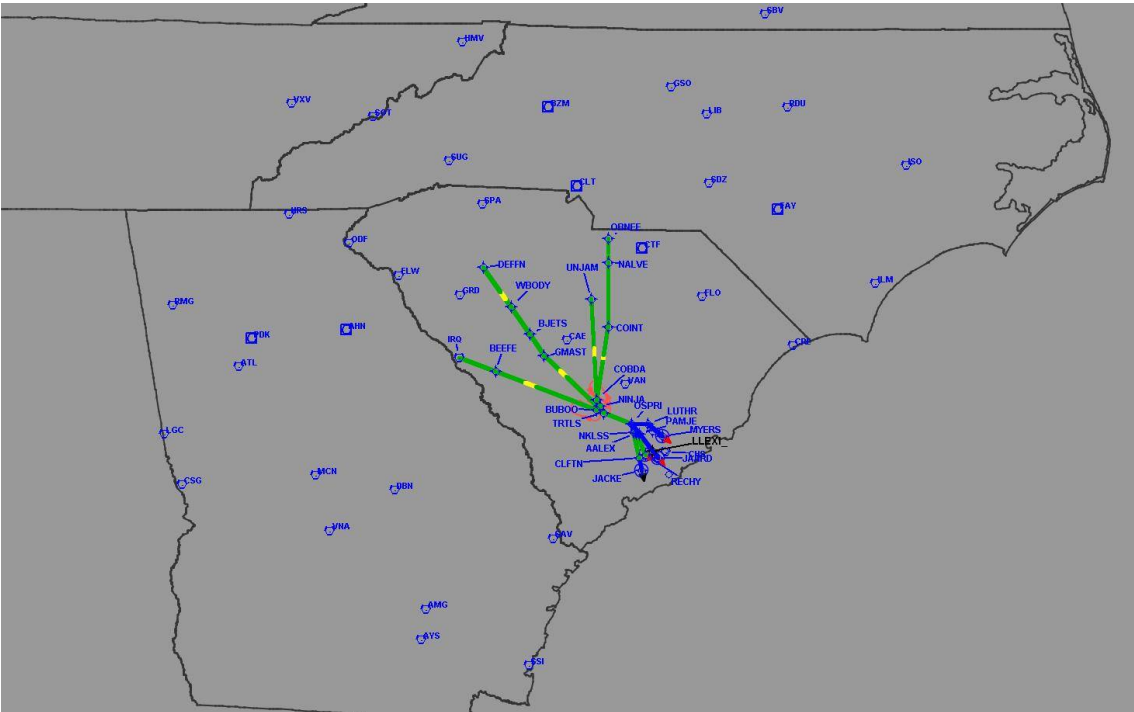


### Graphic Depiction 2



DME DME Assessment Results for OSPRI7 path NINJA\_OBNEE

Graphic Depiction 3



## DME DME Assessment Results for OSPRI7 path OBNEE\_JAARD

### Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Dennis CTR Osterhage
Project File:	C:\Users\Dennis CTR Osterhage\Documents\1-Projects\1-KCHS\RNAV STARS\KCHS OSPRI STAR\KCHS OSPRI7 STAR DME 20190925_1231 EDT\KCHS OSPRI7 (RNAV) STAR DME 20191112.tgs
Output File:	C:\Users\Dennis CTR Osterhage\My Documents\1-Projects\1-KCHS\RNAV STARS\KCHS OSPRI STARKCHS [IFPA] OSPRI7 20191113_0959 EST\OBNEE_JAARD\KCHS OSPRI7 RNAV STAR OBNEE JAARD 20191113_0959 EST.pdf
Procedure Name:	OSPRI7
Software: DmeDmePlugin:	6.0.0
Date/Time:	11/13/2019 09:59 EST
Databases:	DTED Level 0 MAX

### Failures

No Failures

### Warnings

No Warnings

### Notes For Flight Check

None

### Flight Plan

Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
OBNEE	WP	N34° 44' 24.200", W080° 37' 35.920"	11000	VNAV	250	FLY_BY	TF
NALVE	WP	N34° 31' 53.790", W080° 37' 35.980"	11000	VNAV	250	FLY_BY	TF
COINT	WP	N33° 58' 22.470", W080° 37' 53.430"	11000	VNAV	250	FLY_BY	TF
COBDA	WP	N33° 20' 28.270", W080° 44' 49.720"	11000	VNAV	250	FLY_BY	TF
NINJA	WP	N33° 17' 27.170", W080° 42' 46.440"	11000	VNAV	250	FLY_BY	TF
TRTLS	WP	N33° 13' 58.360", W080° 40' 24.510"	10000	VNAV	250	FLY_BY	TF
OSPRI	WP	N33° 08' 10.880", W080° 23' 18.420"	4000	VNAV	250	FLY_BY	TF
PAMJE	WP	N33° 03' 02.390", W080° 18' 24.550"	4000	VNAV	250	FLY_BY	TF
LLEXI_	WP	N32° 54' 08.030", W080° 10' 11.240"	4000	VNAV	210	FLY_BY	TF
JAARD	WP	N32° 50' 34.780", W080° 06' 53.980"	4000	VNAV	210	FLY_OVER	TF

### Flyability

Flight Type:	RNAV_STAR
Selected Airport:	KCHS [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 OSPRI7 path OBNEE\_JAARD

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:	Not 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	FLO	N34° 13' 58.685", W079° 39' 25.780"	3.0 W	130	H	IFPA	NO	Enabled	76.5 %	77 %
2	SPA	N35° 02' 01.053", W081° 55' 37.236"	2.0 W	130	H	IFPA	NO	Enabled	23.5 %	23.7 %
3	CHS	N32° 53' 39.549", W080° 02' 16.131"	5.0 W	130	H	IFPA	NO	Enabled	44.1 %	44.4 %
4	CTF	N34° 39' 01.793", W080° 16' 29.699"	3.0 W	40	L	IFPA	NO	Enabled	29.9 %	30.1 %
5	CLT	N35° 11' 25.704", W080° 57' 07.176"	5.0 W	40	L	IFPA	NO	Enabled	6 %	6 %
6	VAN	N33° 28' 29.388", W080° 26' 55.114"	6.0 W	40	L	IFPA	NO	Enabled	52.2 %	52.5 %
7	CAE	N33° 51' 26.099", W081° 03' 14.050"	2.0 W	130	H	IFPA	NO	Enabled	68.4 %	68.9 %
8	IRQ	N33° 42' 26.472", W082° 09' 43.432"	4.0 W	130	H	IFPA	NO	Enabled	8.1 %	8.2 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	CAE	CTF	FLO	CLT		
7.8	FLO	CAE	CTF			
10.5	FLO	CAE	SPA	CTF		
38.1	FLO	VAN	CAE	SPA	CTF	
39.0	FLO	VAN	CAE	SPA		
41.2	FLO	VAN	CAE			
48.7	FLO	VAN	CAE	CHS		
81.1	VAN	CAE	FLO	CHS	IRQ	
89.3	CHS	VAN	FLO	IRQ		
91.8	CHS	VAN	FLO			
99.7	CHS	VAN				
106.2						

# DME DME Assessment Results for OSPRI7 path OBNEE\_JAARD

## Inertial Drift Segments

#	Start Location	End Location	Length [NM]
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## Available DMEs by Waypoints

Waypoint Before	Waypoint After	DME List
OBNEE	NALVE	CTF, SPA, CAE, FLO, CLT
NALVE	COINT	VAN, CTF, SPA, CAE, FLO
COINT	COBDA	VAN, CAE, FLO, IRQ, CHS
COBDA	NINJA	VAN, CAE, FLO, IRQ, CHS
NINJA	TRTLS	VAN, CAE, FLO, IRQ, CHS
TRTLS	OSPRI	VAN, FLO, IRQ, CHS
OSPRI	PAMJE	
PAMJE	LLEXI_	
LLEXI_	JAARD	

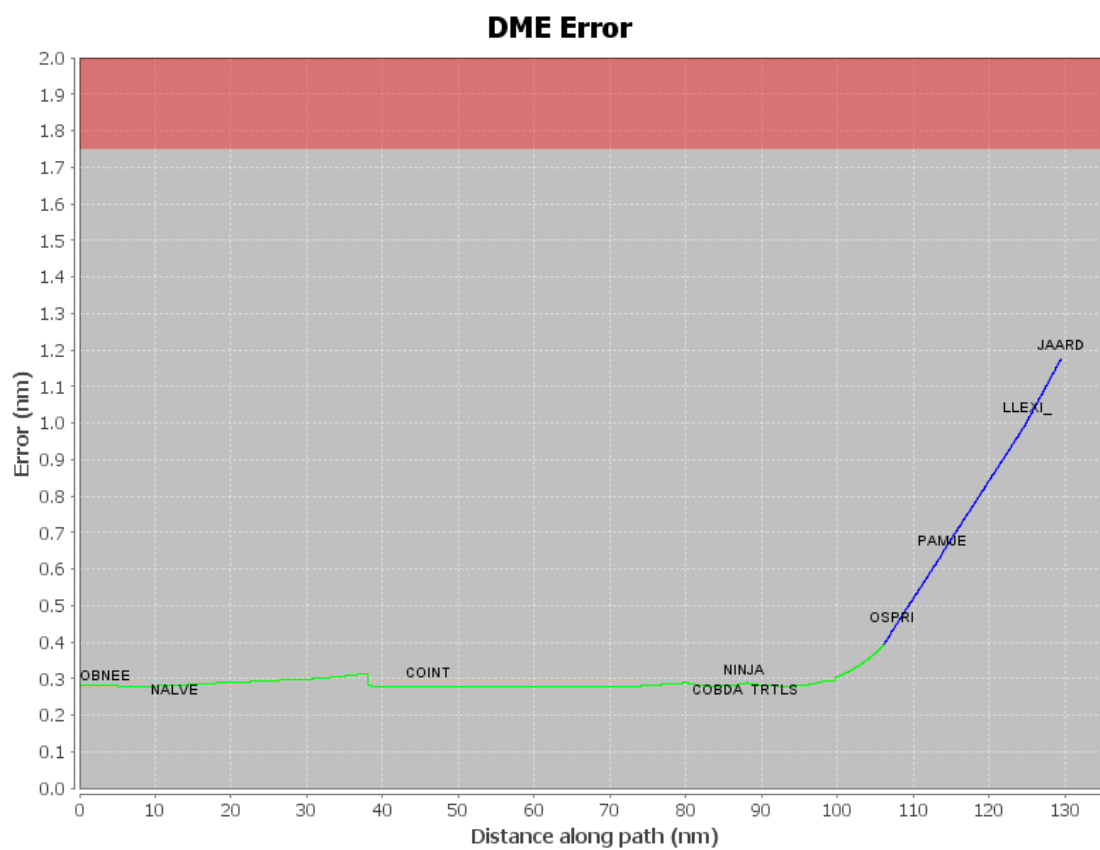
## User Data Files

#	File Name
1	UserDMEsKCHS [IFPA] OSPRI7 RNAV STAR_20190925_1231 EDT.udt

## User DMEs

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	UDT ESV SAV SAV [IFPA]	N32° 08' 46.563", W081° 11' 56.780"	6.0 W	130	39.4	115.95	UDT ESV SAV	
ESV:		Bearing [True]: 34.0° to 64.0° Bearing [Mag]: 40.0° to 70.0°				Arc Distance: Out to 72.0 NM Altitude: 4000.0 to 10000.0 ft		
2	UDT ESV CAE CAE [IFPA]	N33° 51' 26.099", W081° 03' 14.050"	2.0 W	130	410.1	114.7	UDT ESV CAE	
ESV:		Bearing [True]: 250.0° to 337.0° Bearing [Mag]: 252.0° to 339.0°				Arc Distance: Out to 65.0 NM Altitude: 10000.0 to 24000.0 ft		
3	UDT ESV FLO FLO [IFPA]	N34° 13' 58.685", W079° 39' 25.780"	3.0 W	130	105	115.2	UDT ESV FLO	
ESV:		Bearing [True]: 200.0° to 288.0° Bearing [Mag]: 203.0° to 291.0°				Arc Distance: Out to 85.0 NM Altitude: 6000.0 to 24000.0 ft		
4	UDT ESV GRD GRD [IFPA]	N34° 15' 05.638", W082° 09' 14.936"	1.0 W	130	630	115.5	UDT ESV GRD	
ESV:		Bearing [True]: 11.0° to 164.0° Bearing [Mag]: 12.0° to 165.0°				Arc Distance: Out to 71.0 NM Altitude: 10000.0 to 24000.0 ft		
5	UDT ESV IRQ IRQ [IFPA]	N33° 42' 26.472", W082° 09' 43.432"	4.0 W	130	420	113.9	UDT ESV IRQ	
ESV:		Bearing [True]: 36.0° to 104.0° Bearing [Mag]: 40.0° to 108.0°				Arc Distance: Out to 72.0 NM Altitude: 10000.0 to 24000.0 ft		
6	UDT ESV SPA SPA [IFPA]	N35° 02' 01.053", W081° 55' 37.236"	2.0 W	130	935.4	115.7	UDT ESV SPA	
ESV:		Bearing [True]: 112.0° to 192.0° Bearing [Mag]: 114.0° to 194.0°				Arc Distance: Out to 90.0 NM Altitude: 10000.0 to 24000.0 ft		
7	UDT ESV IRQ IRQ [IFPA]	N33° 42' 26.472", W082° 09' 43.432"	4.0 W	130	420	113.9	UDT ESV IRQ	
ESV:		Bearing [True]: 104.0° to 116.0° Bearing [Mag]: 108.0° to 120.0°				Arc Distance: Out to 90.0 NM Altitude: 10000.0 to 24000.0 ft		
8	UDT ESV FLO FLO [IFPA]	N34° 13' 58.685", W079° 39' 25.780"	3.0 W	130	105	115.2	UDT ESV FLO	
ESV:		Bearing [True]: 270.0° to 355.0° Bearing [Mag]: 273.0° to 358.0°				Arc Distance: Out to 70.0 NM Altitude: 6000.0 to 33000.0 ft		
9	UDT ESV CAE CAE [IFPA]	N33° 51' 26.099", W081° 03' 14.050"	2.0 W	130	410.1	114.7	UDT ESV CAE	
ESV:		Bearing [True]: 15.0° to 62.0° Bearing [Mag]: 17.0° to 64.0°				Arc Distance: Out to 70.0 NM Altitude: 6500.0 to 18000.0 ft		
10	UDT ESV CHS CHS [IFPA]	N32° 53' 39.549", W080° 02' 16.131"	5.0 W	130	39	113.5	UDT ESV CHS	
ESV:		Bearing [True]: 290.0° to 337.0° Bearing [Mag]: 295.0° to 342.0°				Arc Distance: Out to 90.0 NM Altitude: 10000.0 to 24000.0 ft		

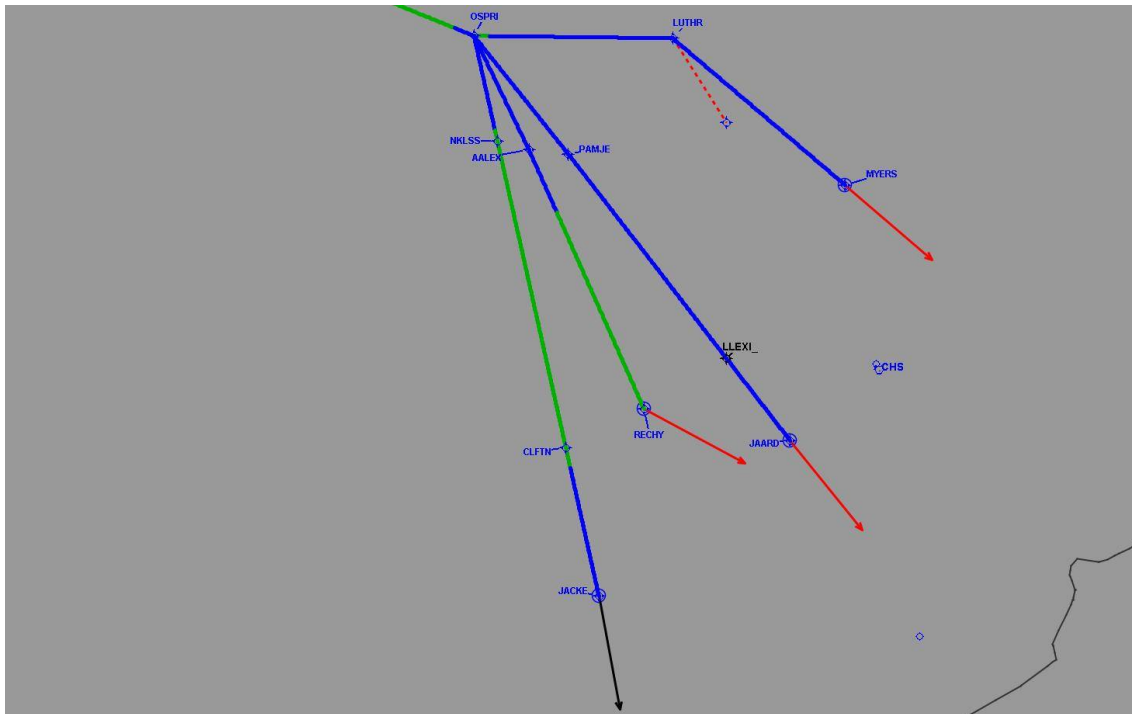
## DME DME Assessment Results for OSPRI7 path OBNEE\_JAARD



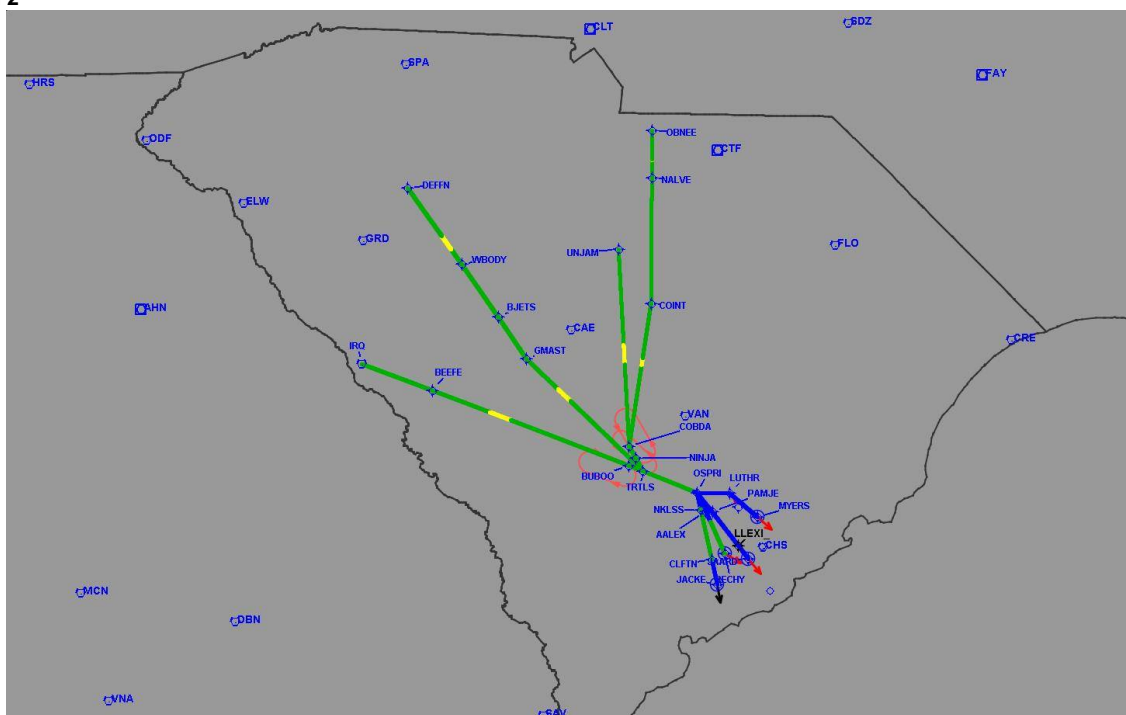


## DME DME Assessment Results for OSPRI7 path OBNEE\_JAARD

Graphic Depiction 1

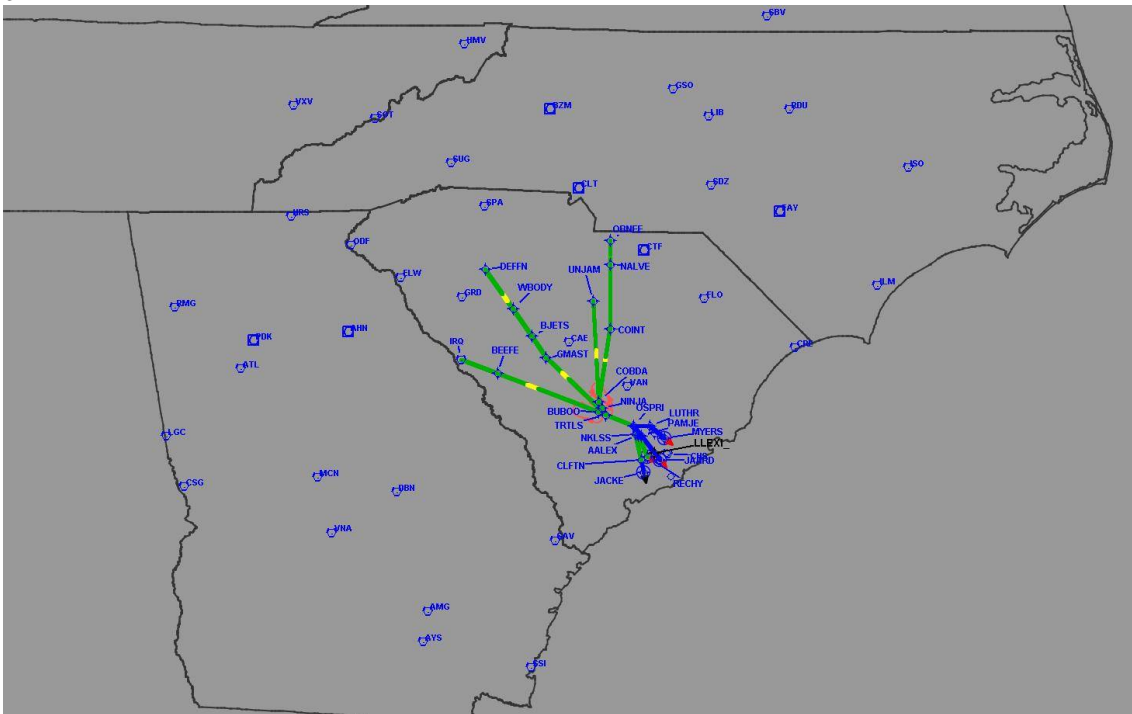


### Graphic Depiction 2



## DME DME Assessment Results for OSPRI7 path OBNEE\_JAARD

Graphic Depiction 3



## DME DME Assessment Results for OSPRI7 path OSPRI\_JACKE

### Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Dennis CTR Osterhage
Project File:	C:\Users\Dennis CTR Osterhage\Documents\1-Projects\1-KCHS\RNAV STARS\KCHS OSPRI STAR\KCHS OSPRI7 STAR DME 20190925_1231 EDT\KCHS OSPRI7 (RNAV) STAR DME 20191112.tgs
Output File:	C:\Users\Dennis CTR Osterhage\My Documents\1-Projects\1-KCHS\RNAV STARS\KCHS OSPRI STAR\KCHS [IFPA] OSPRI7 20191113_0959 EST\OSPRI_JACKE\KCHS OSPRI7 RNAV STAR OSPRI JACKE 20191113_0959 EST.pdf
Procedure Name:	OSPRI7
Software: DmeDmePlugin:	6.0.0
Date/Time:	11/13/2019 09:59 EST
Databases:	DTED Level 0 MAX

### Failures

No Failures

### Warnings

No Warnings

### Notes For Flight Check

None

### Flight Plan

Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
OSPRI	WP	N33° 08' 10.880", W080° 23' 18.420"	4000	VNAV	250	FLY_BY	TF
NKLSS	WP	N33° 03' 36.260", W080° 22' 05.280"	4000	VNAV	210	FLY_BY	TF
CLFTN	WP	N32° 50' 15.270", W080° 18' 31.860"	4000	VNAV	210	FLY_BY	TF
JACK E	WP	N32° 43' 49.940", W080° 16' 49.560"	3000	VNAV	210	FLY_OVER	TF
Climb Gradient: 200.0 ft/NM							

### Flyability

Flight Type:	RNAV_STAR
Selected Airport:	KCHS [IFPA]
Climb Gradient:	200.0 ft/NM
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 OSPRI7 path OSPRI\_JACKE

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:	Not 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	SAV	N32° 08' 46.563", W081° 11' 56.780"	6.0 W	130	H	IFPA	NO	Enabled	55.1 %	53.4 %
2	CHS	N32° 53' 39.549", W080° 02' 16.131"	5.0 W	130	H	IFPA	NO	Enabled	61.6 %	60.1 %
3	VAN	N33° 28' 29.388", W080° 26' 55.114"	6.0 W	40	L	IFPA	NO	Enabled	61.6 %	60.1 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0						
4.1	CHS	VAN				
5.0	SAV	CHS	VAN			
18.4	CHS	VAN				
19.2						

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N33° 08' 10.880", W080° 23' 18.420"	N33° 04' 08.569", W080° 22' 13.878"	4.1308

Available DMEs by Waypoints		
Waypoint Before	Waypoint After	DME List
OSPRI	NKLSS	VAN, CHS
NKLSS	CLFTN	VAN, SAV, CHS
CLFTN	JACKE	VAN, SAV, CHS

# DME DME Assessment Results for OSPRI7 path OSPRI\_JACKE

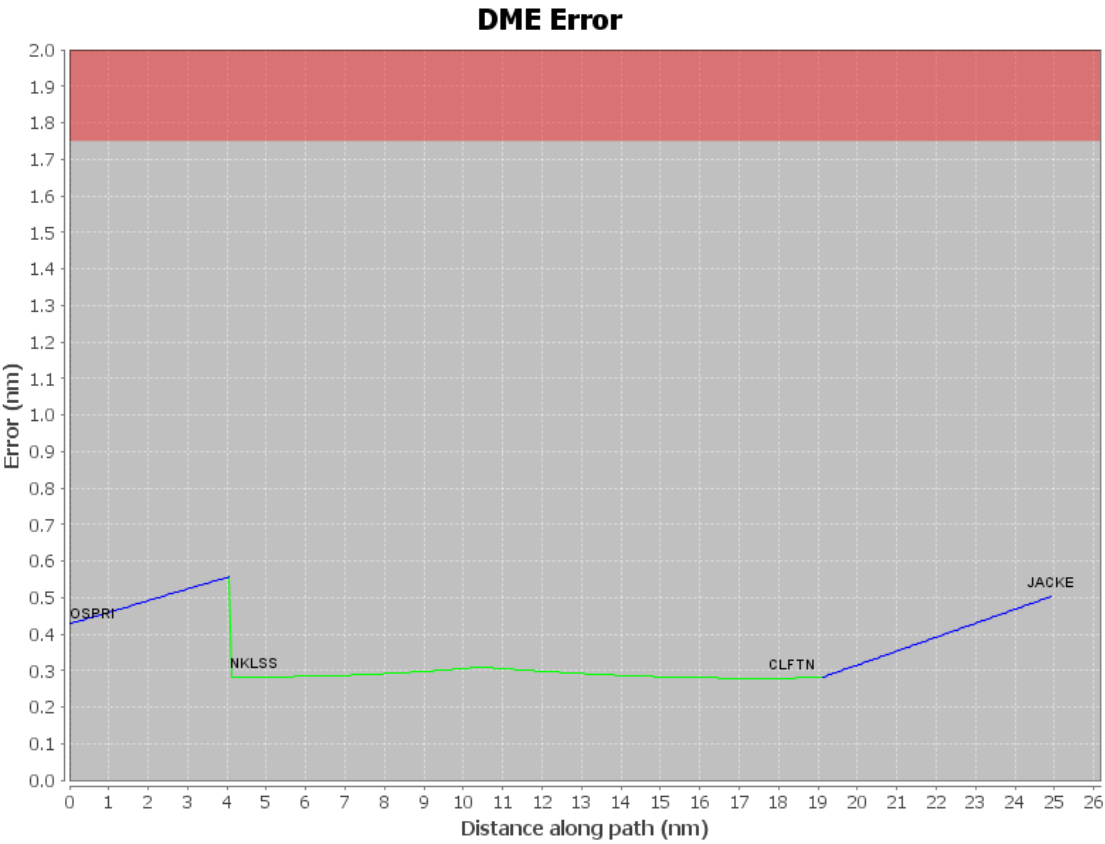
## User Data Files

#	File Name
1	UserDMEsKCHS [IFPA] OSPRI7 RNAV STAR_20190925_1231 EDT.udt

## User DMEs

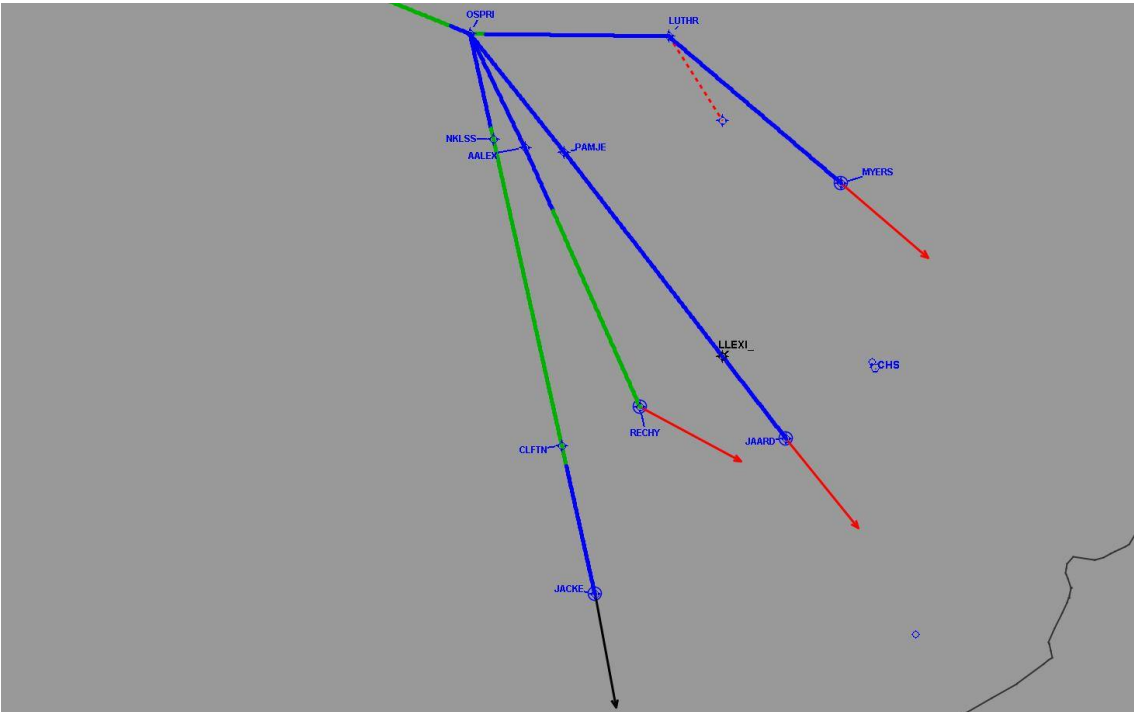
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	UDT ESV SAV SAV [IFPA]	N32° 08' 46.563", W081° 11' 56.780"	6.0 W	130	39.4	115.95	UDT ESV SAV	
ESV:		Bearing [True]: 34.0° to 64.0° Bearing [Mag]: 40.0° to 70.0°				Arc Distance: Out to 72.0 NM Altitude: 4000.0 to 10000.0 ft		
2	UDT ESV CAE CAE [IFPA]	N33° 51' 26.099", W081° 03' 14.050"	2.0 W	130	410.1	114.7	UDT ESV CAE	
ESV:		Bearing [True]: 250.0° to 337.0° Bearing [Mag]: 252.0° to 339.0°				Arc Distance: Out to 65.0 NM Altitude: 10000.0 to 24000.0 ft		
3	UDT ESV FLO FLO [IFPA]	N34° 13' 58.685", W079° 39' 25.780"	3.0 W	130	105	115.2	UDT ESV FLO	
ESV:		Bearing [True]: 200.0° to 288.0° Bearing [Mag]: 203.0° to 291.0°				Arc Distance: Out to 85.0 NM Altitude: 6000.0 to 24000.0 ft		
4	UDT ESV GRD GRD [IFPA]	N34° 15' 05.638", W082° 09' 14.936"	1.0 W	130	630	115.5	UDT ESV GRD	
ESV:		Bearing [True]: 11.0° to 164.0° Bearing [Mag]: 12.0° to 165.0°				Arc Distance: Out to 71.0 NM Altitude: 10000.0 to 24000.0 ft		
5	UDT ESV IRQ IRQ [IFPA]	N33° 42' 26.472", W082° 09' 43.432"	4.0 W	130	420	113.9	UDT ESV IRQ	
ESV:		Bearing [True]: 36.0° to 104.0° Bearing [Mag]: 40.0° to 108.0°				Arc Distance: Out to 72.0 NM Altitude: 10000.0 to 24000.0 ft		
6	UDT ESV SPA SPA [IFPA]	N35° 02' 01.053", W081° 55' 37.236"	2.0 W	130	935.4	115.7	UDT ESV SPA	
ESV:		Bearing [True]: 112.0° to 192.0° Bearing [Mag]: 114.0° to 194.0°				Arc Distance: Out to 90.0 NM Altitude: 10000.0 to 24000.0 ft		
7	UDT ESV IRQ IRQ [IFPA]	N33° 42' 26.472", W082° 09' 43.432"	4.0 W	130	420	113.9	UDT ESV IRQ	
ESV:		Bearing [True]: 104.0° to 116.0° Bearing [Mag]: 108.0° to 120.0°				Arc Distance: Out to 90.0 NM Altitude: 10000.0 to 24000.0 ft		
8	UDT ESV FLO FLO [IFPA]	N34° 13' 58.685", W079° 39' 25.780"	3.0 W	130	105	115.2	UDT ESV FLO	
ESV:		Bearing [True]: 270.0° to 355.0° Bearing [Mag]: 273.0° to 358.0°				Arc Distance: Out to 70.0 NM Altitude: 6000.0 to 33000.0 ft		
9	UDT ESV CAE CAE [IFPA]	N33° 51' 26.099", W081° 03' 14.050"	2.0 W	130	410.1	114.7	UDT ESV CAE	
ESV:		Bearing [True]: 15.0° to 62.0° Bearing [Mag]: 17.0° to 64.0°				Arc Distance: Out to 70.0 NM Altitude: 6500.0 to 18000.0 ft		
10	UDT ESV CHS CHS [IFPA]	N32° 53' 39.549", W080° 02' 16.131"	5.0 W	130	39	113.5	UDT ESV CHS	
ESV:		Bearing [True]: 290.0° to 337.0° Bearing [Mag]: 295.0° to 342.0°				Arc Distance: Out to 90.0 NM Altitude: 10000.0 to 24000.0 ft		

DME DME Assessment Results for OSPRI7 path OSPRI\_JACKE



DME DME Assessment Results for OSPRI7 path OSPRI\_JACKE

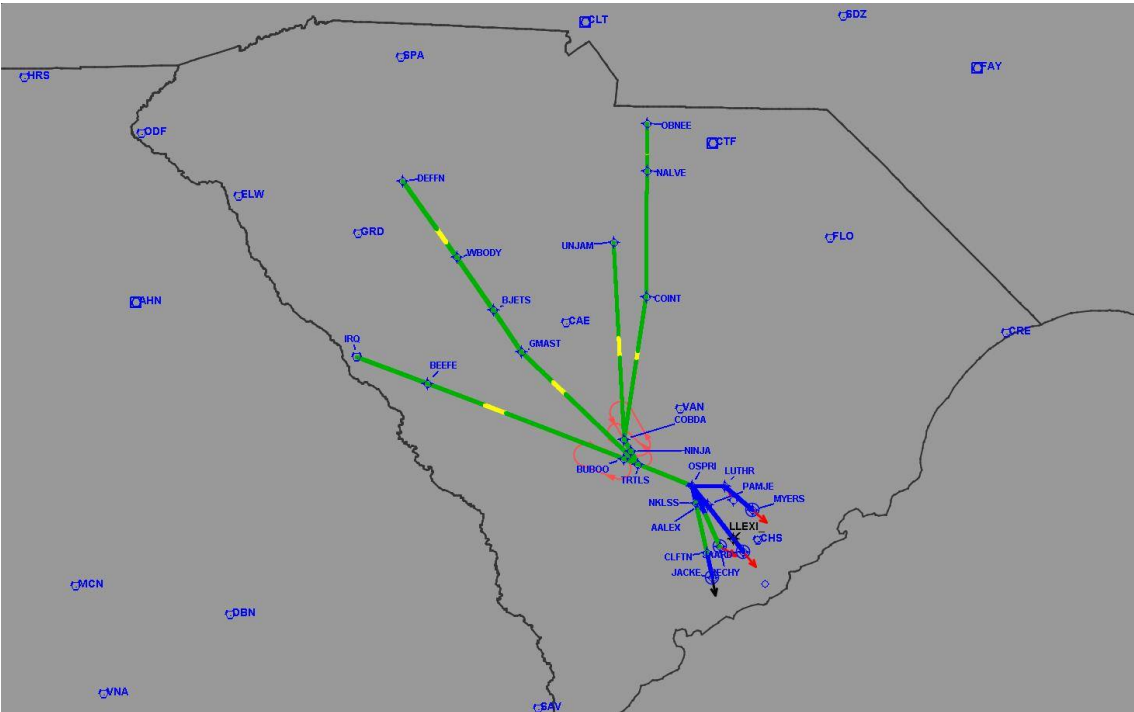
Graphic Depiction 1





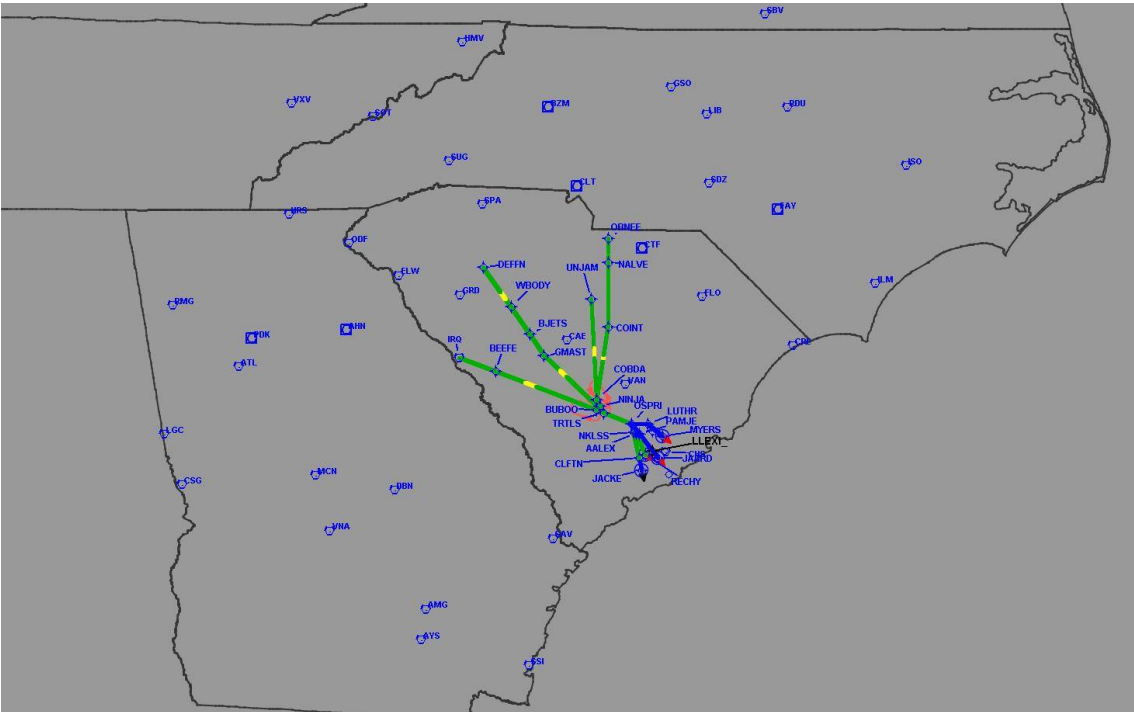
DME DME Assessment Results for OSPRI7 path OSPRI\_JACKE

Graphic Depiction 2



DME DME Assessment Results for OSPRI7 path OSPRI\_JACKE

Graphic Depiction 3



## DME DME Assessment Results for OSPRI7 path OSPRI\_MYERS

### Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Dennis CTR Osterhage
Project File:	C:\Users\Dennis CTR Osterhage\Documents\1-Projects\1-KCHS\RNAV STARS\KCHS OSPRI STAR\KCHS OSPRI7 STAR DME 20190925_1231 EDT\KCHS OSPRI7 (RNAV) STAR DME 20191112.tgs
Output File:	C:\Users\Dennis CTR Osterhage\My Documents\1-Projects\1-KCHS\RNAV STARS\KCHS OSPRI STAR\KCHS [IFPA] OSPRI7 20191113_0959 EST\OSPRI_MYERS\KCHS OSPRI7 RNAV STAR OSPRI MYERS 20191113_0959 EST.pdf
Procedure Name:	OSPRI7
Software: DmeDmePlugin:	6.0.0
Date/Time:	11/13/2019 09:59 EST
Databases:	DTED Level 0 MAX

### Failures

No Failures

### Warnings

No Warnings

### Notes For Flight Check

None

### Flight Plan

Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
OSPRI	WP	N33° 08' 10.880", W080° 23' 18.420"	4000	VNAV	250	FLY_BY	TF
LUTHR	WP	N33° 08' 04.550", W080° 12' 59.620"	4000	VNAV	200	FLY_BY	TF
MYERS	WP	N33° 01' 41.460", W080° 04' 02.960"	3000	VNAV	200	FLY_OVER	TF
Climb Gradient: 200.0 ft/NM							

### Flyability

Flight Type:	RNAV_STAR
Selected Airport:	KCHS [IFPA]
Climb Gradient:	200.0 ft/NM
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 OSPRI7 path OSPRI\_MYERS

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:	Not 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	CHS	N32° 53' 39.549", W080° 02' 16.131"	5.0 W	130	H	IFPA	NO	Enabled	2.6 %	3 %
2	VAN	N33° 28' 29.388", W080° 26' 55.114"	6.0 W	40	L	IFPA	NO	Enabled	2.6 %	3 %

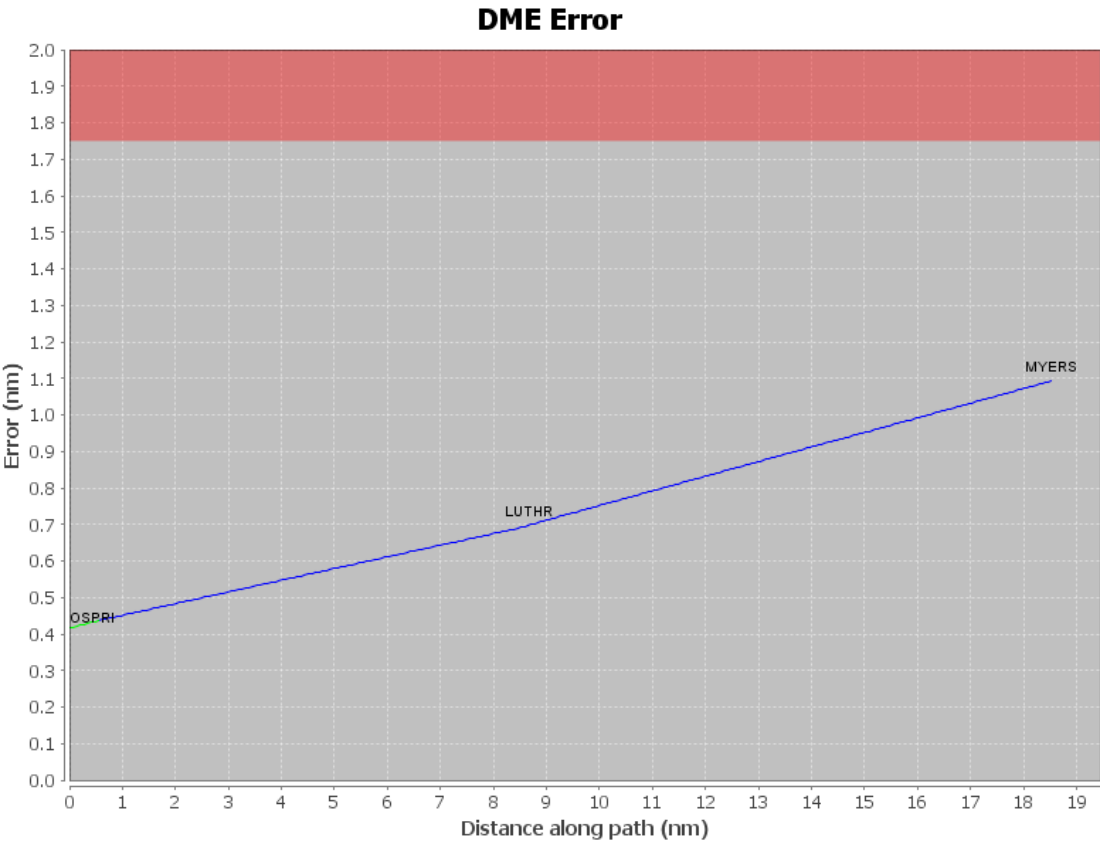
Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	CHS	VAN				
0.6						

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

Available DMEs by Waypoints		
Waypoint Before	Waypoint After	DME List
OSPRI	LUTHR	VAN, CHS
LUTHR	MYERS	

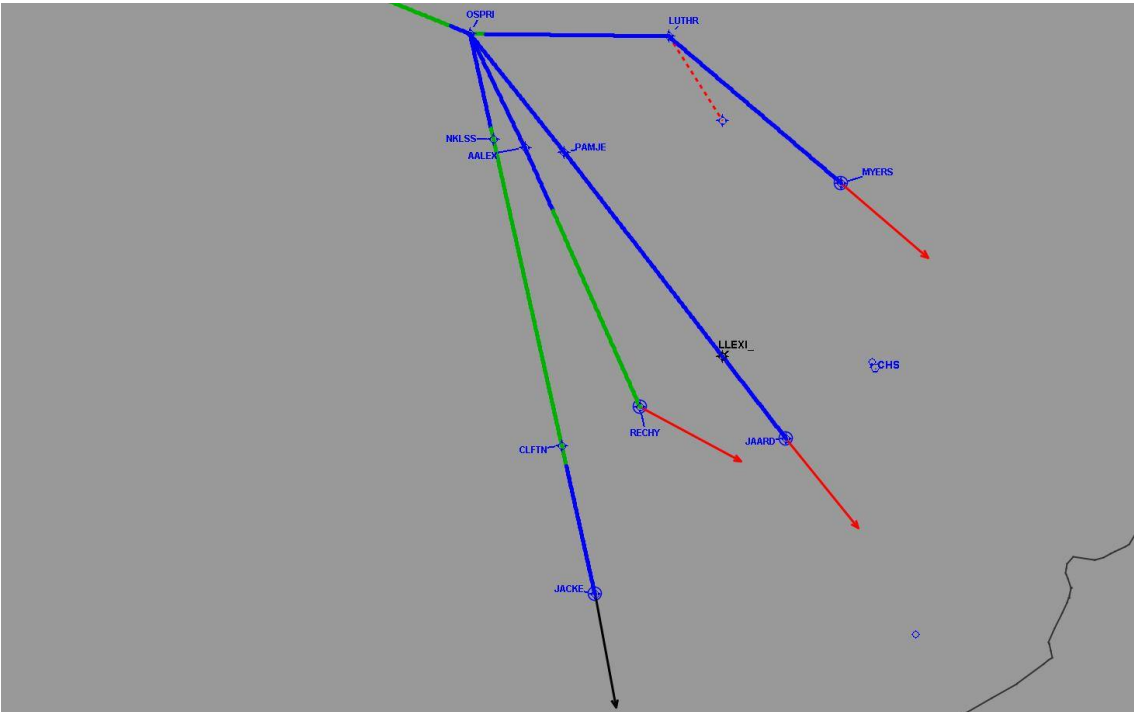
# DME DME Assessment Results for OSPRI7 path OSPRI\_MYERS

User Data Files								
#	File Name							
1	UserDMEsKCHS [IFPA] OSPRI7 RNAV STAR_20190925_1231 EDT.udt							
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	UDT ESV SAV SAV [IFPA]	N32° 08' 46.563", W081° 11' 56.780"	6.0 W	130	39.4	115.95	UDT ESV SAV	
ESV:		Bearing [True]: 34.0° to 64.0° Bearing [Mag]: 40.0° to 70.0°				Arc Distance: Out to 72.0 NM Altitude: 4000.0 to 10000.0 ft		
2	UDT ESV CAE CAE [IFPA]	N33° 51' 26.099", W081° 03' 14.050"	2.0 W	130	410.1	114.7	UDT ESV CAE	
ESV:		Bearing [True]: 250.0° to 337.0° Bearing [Mag]: 252.0° to 339.0°				Arc Distance: Out to 65.0 NM Altitude: 10000.0 to 24000.0 ft		
3	UDT ESV FLO FLO [IFPA]	N34° 13' 58.685", W079° 39' 25.780"	3.0 W	130	105	115.2	UDT ESV FLO	
ESV:		Bearing [True]: 200.0° to 288.0° Bearing [Mag]: 203.0° to 291.0°				Arc Distance: Out to 85.0 NM Altitude: 6000.0 to 24000.0 ft		
4	UDT ESV GRD GRD [IFPA]	N34° 15' 05.638", W082° 09' 14.936"	1.0 W	130	630	115.5	UDT ESV GRD	
ESV:		Bearing [True]: 11.0° to 164.0° Bearing [Mag]: 12.0° to 165.0°				Arc Distance: Out to 71.0 NM Altitude: 10000.0 to 24000.0 ft		
5	UDT ESV IRQ IRQ [IFPA]	N33° 42' 26.472", W082° 09' 43.432"	4.0 W	130	420	113.9	UDT ESV IRQ	
ESV:		Bearing [True]: 36.0° to 104.0° Bearing [Mag]: 40.0° to 108.0°				Arc Distance: Out to 72.0 NM Altitude: 10000.0 to 24000.0 ft		
6	UDT ESV SPA SPA [IFPA]	N35° 02' 01.053", W081° 55' 37.236"	2.0 W	130	935.4	115.7	UDT ESV SPA	
ESV:		Bearing [True]: 112.0° to 192.0° Bearing [Mag]: 114.0° to 194.0°				Arc Distance: Out to 90.0 NM Altitude: 10000.0 to 24000.0 ft		
7	UDT ESV IRQ IRQ [IFPA]	N33° 42' 26.472", W082° 09' 43.432"	4.0 W	130	420	113.9	UDT ESV IRQ	
ESV:		Bearing [True]: 104.0° to 116.0° Bearing [Mag]: 108.0° to 120.0°				Arc Distance: Out to 90.0 NM Altitude: 10000.0 to 24000.0 ft		
8	UDT ESV FLO FLO [IFPA]	N34° 13' 58.685", W079° 39' 25.780"	3.0 W	130	105	115.2	UDT ESV FLO	
ESV:		Bearing [True]: 270.0° to 355.0° Bearing [Mag]: 273.0° to 358.0°				Arc Distance: Out to 70.0 NM Altitude: 6000.0 to 33000.0 ft		
9	UDT ESV CAE CAE [IFPA]	N33° 51' 26.099", W081° 03' 14.050"	2.0 W	130	410.1	114.7	UDT ESV CAE	
ESV:		Bearing [True]: 15.0° to 62.0° Bearing [Mag]: 17.0° to 64.0°				Arc Distance: Out to 70.0 NM Altitude: 6500.0 to 18000.0 ft		
10	UDT ESV CHS CHS [IFPA]	N32° 53' 39.549", W080° 02' 16.131"	5.0 W	130	39	113.5	UDT ESV CHS	
ESV:		Bearing [True]: 290.0° to 337.0° Bearing [Mag]: 295.0° to 342.0°				Arc Distance: Out to 90.0 NM Altitude: 10000.0 to 24000.0 ft		

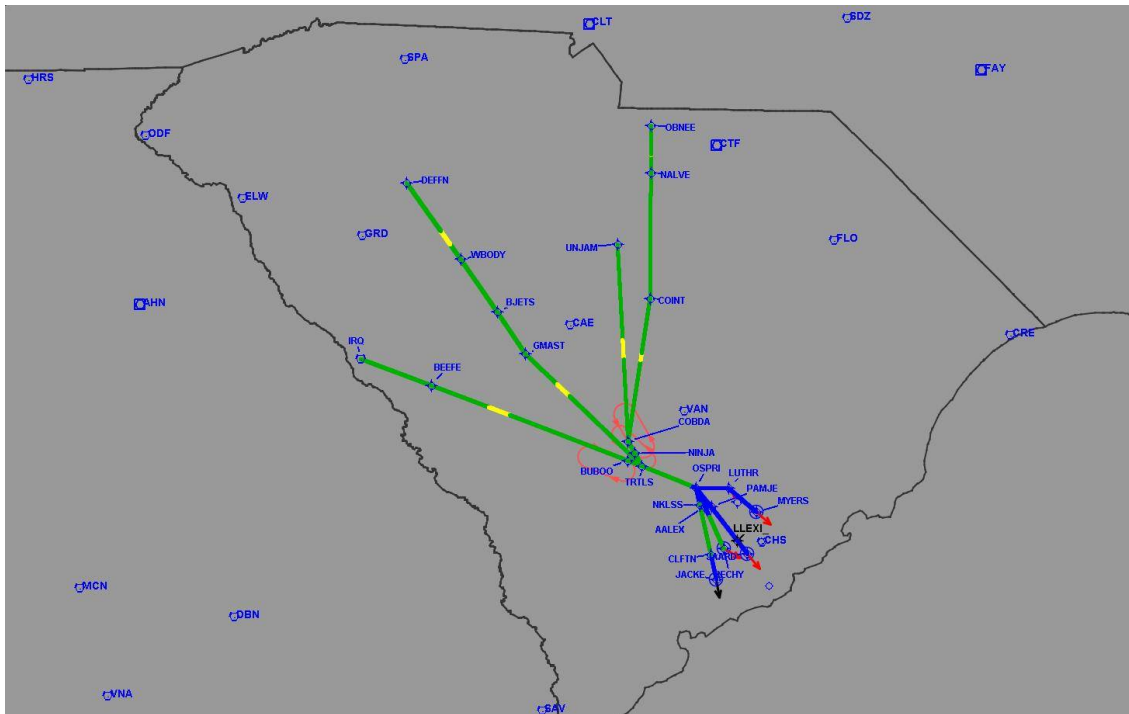


DME DME Assessment Results for OSPRI7 path OSPRI\_MYERS

Graphic Depiction 1

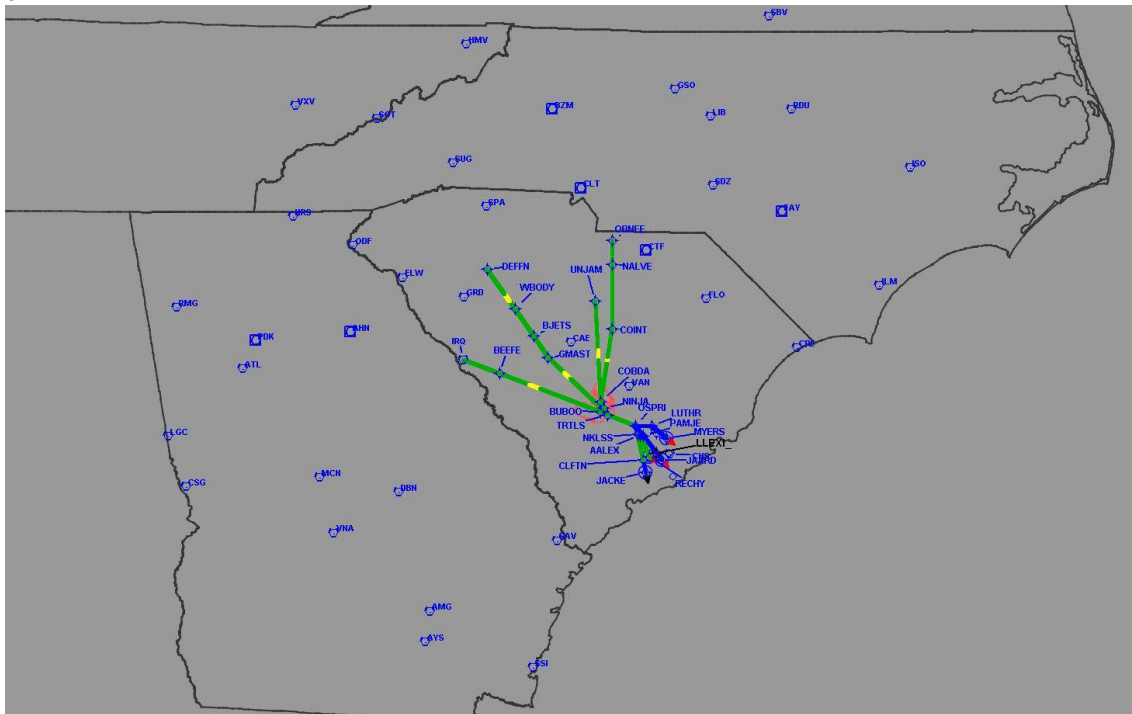


### Graphic Depiction 2





### Graphic Depiction 3



## DME DME Assessment Results for OSPRI7 path OSPRI\_RECHY

### Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Dennis CTR Osterhage
Project File:	C:\Users\Dennis CTR Osterhage\Documents\1-Projects\1-KCHS\RNAV STARS\KCHS OSPRI STAR\KCHS OSPRI7 STAR DME 20190925_1231 EDT\KCHS OSPRI7 (RNAV) STAR DME 20191112.tgs
Output File:	C:\Users\Dennis CTR Osterhage\My Documents\1-Projects\1-KCHS\RNAV STARS\KCHS OSPRI STAR\KCHS [IFPA] OSPRI7 20191113_0959 EST\OSPRI_RECHY\KCHS OSPRI7 RNAV STAR OSPRI RECHY 20191113_0959 EST.pdf
Procedure Name:	OSPRI7
Software: DmeDmePlugin:	6.0.0
Date/Time:	11/13/2019 09:59 EST
Databases:	DTED Level 0 MAX

### Failures

No Failures

### Warnings

No Warnings

### Notes For Flight Check

None

### Flight Plan

Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
OSPRI	WP	N33° 08' 10.880", W080° 23' 18.420"	4000	VNAV	250	FLY_BY	TF
AALEX	WP	N33° 03' 12.770", W080° 20' 26.770"	4000	VNAV	250	FLY_BY	TF
RECHY	WP	N32° 51' 57.020", W080° 14' 28.800"	4000	VNAV	210	FLY_OVER	TF
Climb Gradient: 200.0 ft/NM							

### Flyability

Flight Type:	RNAV_STAR
Selected Airport:	KCHS [IFPA]
Climb Gradient:	200.0 ft/NM
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 OSPRI7 path OSPRI\_RECHY

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:	Not 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	SAV	N32° 08' 46.563", W081° 11' 56.780"	6.0 W	130	H	IFPA	NO	Enabled	52.8 %	52.8 %
2	CHS	N32° 53' 39.549", W080° 02' 16.131"	5.0 W	130	H	IFPA	NO	Enabled	52.8 %	52.8 %
3	VAN	N33° 28' 29.388", W080° 26' 55.114"	6.0 W	40	L	IFPA	NO	Enabled	52.8 %	52.8 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0						
8.4	SAV	CHS	VAN			

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N33° 08' 10.880", W080° 23' 18.420"	N33° 00' 33.351", W080° 19' 02.169"	8.4217

Available DMEs by Waypoints		
Waypoint Before	Waypoint After	DME List
OSPRI	AALEX	
AALEX	RECHY	VAN, SAV, CHS

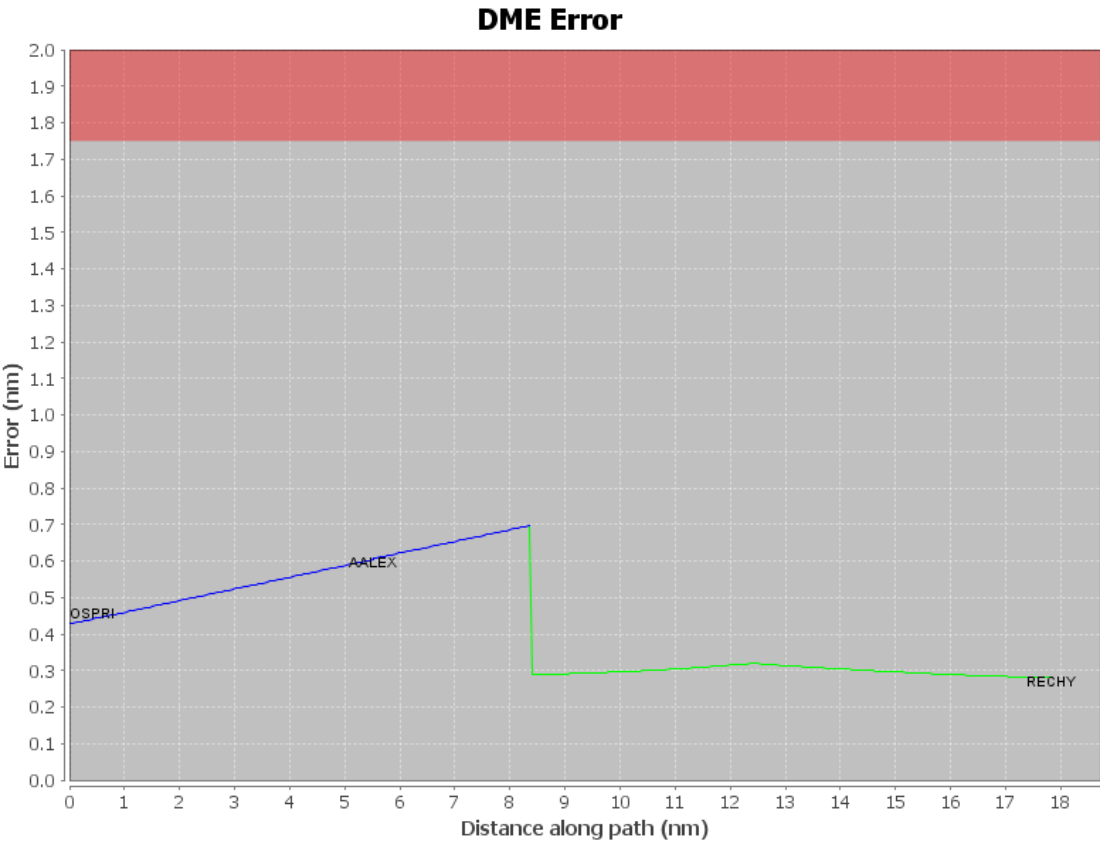
# DME DME Assessment Results for OSPRI7 path OSPRI\_RECHY

## User Data Files

#	File Name
1	UserDMEsKCHS [IFPA] OSPRI7 RNAV STAR_20190925_1231 EDT.udt

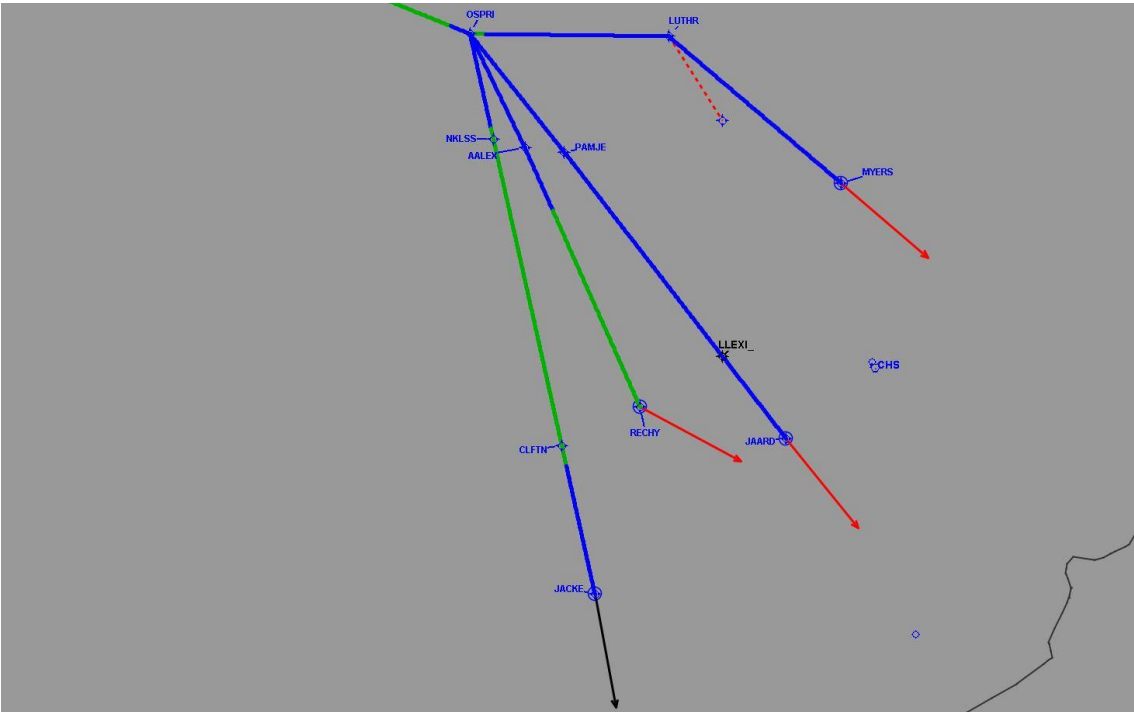
## User DMEs

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	UDT ESV SAV SAV [IFPA]	N32° 08' 46.563", W081° 11' 56.780"	6.0 W	130	39.4	115.95	UDT ESV SAV	
ESV:		Bearing [True]: 34.0° to 64.0° Bearing [Mag]: 40.0° to 70.0°				Arc Distance: Out to 72.0 NM Altitude: 4000.0 to 10000.0 ft		
2	UDT ESV CAE CAE [IFPA]	N33° 51' 26.099", W081° 03' 14.050"	2.0 W	130	410.1	114.7	UDT ESV CAE	
ESV:		Bearing [True]: 250.0° to 337.0° Bearing [Mag]: 252.0° to 339.0°				Arc Distance: Out to 65.0 NM Altitude: 10000.0 to 24000.0 ft		
3	UDT ESV FLO FLO [IFPA]	N34° 13' 58.685", W079° 39' 25.780"	3.0 W	130	105	115.2	UDT ESV FLO	
ESV:		Bearing [True]: 200.0° to 288.0° Bearing [Mag]: 203.0° to 291.0°				Arc Distance: Out to 85.0 NM Altitude: 6000.0 to 24000.0 ft		
4	UDT ESV GRD GRD [IFPA]	N34° 15' 05.638", W082° 09' 14.936"	1.0 W	130	630	115.5	UDT ESV GRD	
ESV:		Bearing [True]: 11.0° to 164.0° Bearing [Mag]: 12.0° to 165.0°				Arc Distance: Out to 71.0 NM Altitude: 10000.0 to 24000.0 ft		
5	UDT ESV IRQ IRQ [IFPA]	N33° 42' 26.472", W082° 09' 43.432"	4.0 W	130	420	113.9	UDT ESV IRQ	
ESV:		Bearing [True]: 36.0° to 104.0° Bearing [Mag]: 40.0° to 108.0°				Arc Distance: Out to 72.0 NM Altitude: 10000.0 to 24000.0 ft		
6	UDT ESV SPA SPA [IFPA]	N35° 02' 01.053", W081° 55' 37.236"	2.0 W	130	935.4	115.7	UDT ESV SPA	
ESV:		Bearing [True]: 112.0° to 192.0° Bearing [Mag]: 114.0° to 194.0°				Arc Distance: Out to 90.0 NM Altitude: 10000.0 to 24000.0 ft		
7	UDT ESV IRQ IRQ [IFPA]	N33° 42' 26.472", W082° 09' 43.432"	4.0 W	130	420	113.9	UDT ESV IRQ	
ESV:		Bearing [True]: 104.0° to 116.0° Bearing [Mag]: 108.0° to 120.0°				Arc Distance: Out to 90.0 NM Altitude: 10000.0 to 24000.0 ft		
8	UDT ESV FLO FLO [IFPA]	N34° 13' 58.685", W079° 39' 25.780"	3.0 W	130	105	115.2	UDT ESV FLO	
ESV:		Bearing [True]: 270.0° to 355.0° Bearing [Mag]: 273.0° to 358.0°				Arc Distance: Out to 70.0 NM Altitude: 6000.0 to 33000.0 ft		
9	UDT ESV CAE CAE [IFPA]	N33° 51' 26.099", W081° 03' 14.050"	2.0 W	130	410.1	114.7	UDT ESV CAE	
ESV:		Bearing [True]: 15.0° to 62.0° Bearing [Mag]: 17.0° to 64.0°				Arc Distance: Out to 70.0 NM Altitude: 6500.0 to 18000.0 ft		
10	UDT ESV CHS CHS [IFPA]	N32° 53' 39.549", W080° 02' 16.131"	5.0 W	130	39	113.5	UDT ESV CHS	
ESV:		Bearing [True]: 290.0° to 337.0° Bearing [Mag]: 295.0° to 342.0°				Arc Distance: Out to 90.0 NM Altitude: 10000.0 to 24000.0 ft		

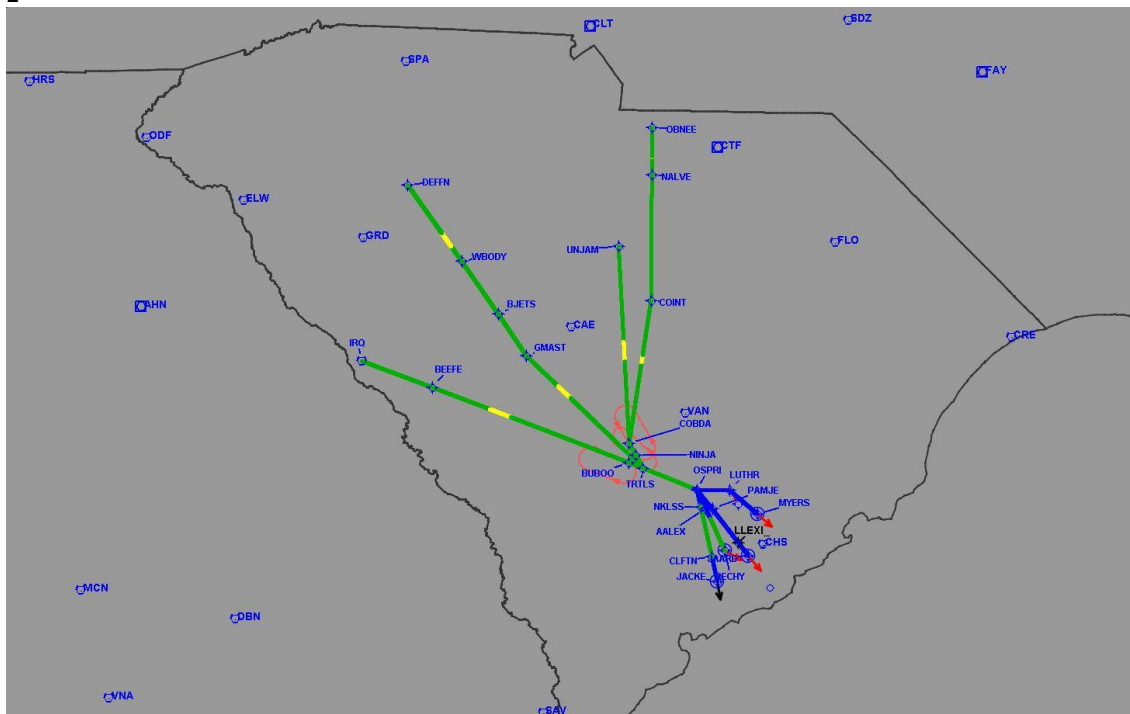


DME DME Assessment Results for OSPRI7 path OSPRI\_RECHY

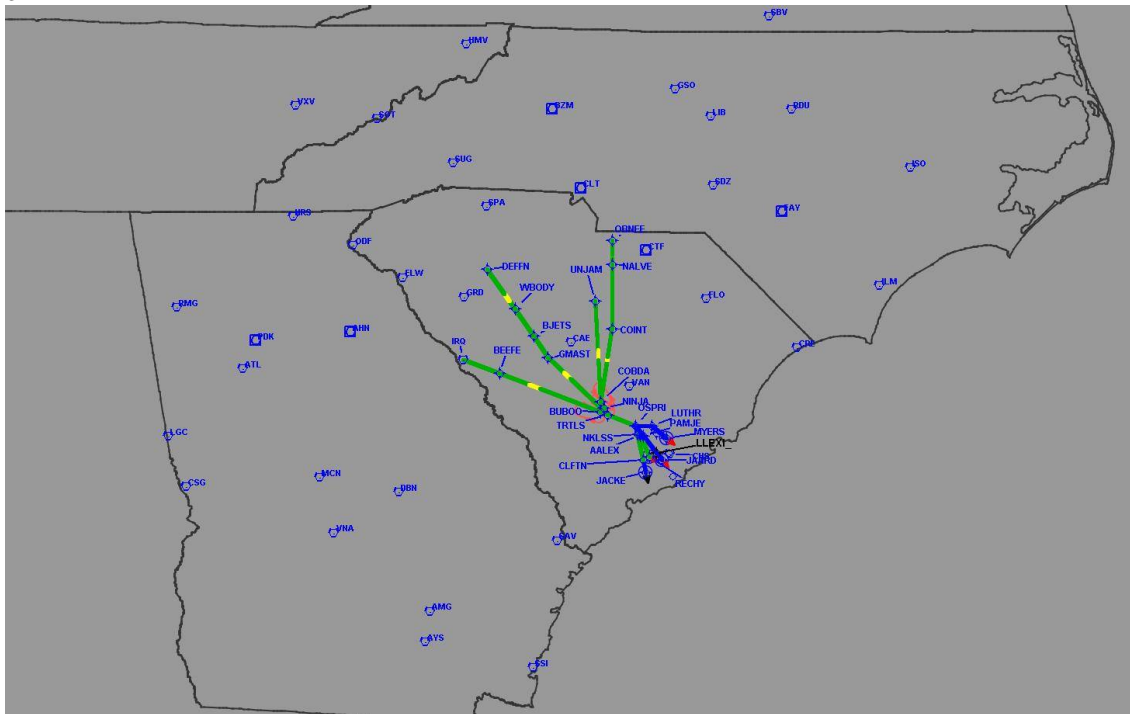
Graphic Depiction 1



### Graphic Depiction 2



### Graphic Depiction 3





## DME DME Assessment Results for OSPRI7 path UNJAM\_COBDA

### Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Dennis CTR Osterhage
Project File:	C:\Users\Dennis CTR Osterhage\Documents\1-Projects\1-KCHS\RNAV STARS\KCHS OSPRI STAR\KCHS OSPRI7 STAR DME 20190925_1231 EDT\KCHS OSPRI7 (RNAV) STAR DME 20191112.tgs
Output File:	C:\Users\Dennis CTR Osterhage\My Documents\1-Projects\1-KCHS\RNAV STARS\KCHS OSPRI STAR\KCHS [IFPA] OSPRI7 20191113_0959 EST\UNJAM_COBDA\KCHS OSPRI7 RNAV STAR UNJAM COBDA 20191113_0959 EST.pdf
Procedure Name:	OSPRI7
Software: DmeDmePlugin:	6.0.0
Date/Time:	11/13/2019 09:59 EST
Databases:	DTED Level 0 MAX

### Failures

No Failures

### Warnings

No Warnings

### Notes For Flight Check

None

### Flight Plan

Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
UNJAM	WP	N34° 12' 56.500", W080° 48' 10.810"	11000	VNAV	250	FLY_BY	TF
COBDA	WP	N33° 20' 28.270", W080° 44' 49.720"	11000	VNAV	250	FLY_BY	TF

### Flyability

Flight Type:	RNAV_STAR
Selected Airport:	KCHS [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 OSPRI7 path UNJAM\_COBDA

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:	Not 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	FLO	N34° 13' 58.685", W079° 39' 25.780"	3.0 W	130	H	IFPA	NO	Enabled	100 %	100 %
2	SPA	N35° 02' 01.053", W081° 55' 37.236"	2.0 W	130	H	IFPA	NO	Enabled	33.7 %	33.7 %
3	CHS	N32° 53' 39.549", W080° 02' 16.131"	5.0 W	130	H	IFPA	NO	Enabled	100 %	100 %
4	CTF	N34° 39' 01.793", W080° 16' 29.699"	3.0 W	40	L	IFPA	NO	Enabled		
5	VAN	N33° 28' 29.388", W080° 26' 55.114"	6.0 W	40	L	IFPA	NO	Enabled	80.3 %	80.3 %
6	CAE	N33° 51' 26.099", W081° 03' 14.050"	2.0 W	130	H	IFPA	NO	Enabled	100 %	100 %
7	IRQ	N33° 42' 26.472", W082° 09' 43.432"	4.0 W	130	H	IFPA	NO	Enabled	14.4 %	14.4 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	SPA	CTF	CAE	FLO	CHS	
0.1	SPA	CAE	FLO	CHS		
10.3	VAN	CAE	FLO	SPA	CHS	
17.8	FLO	VAN	CAE	CHS		
25.5	FLO	CHS	VAN	IRQ	CAE	
30.7	FLO	CHS	VAN	CAE		
50.0	VAN	CAE	FLO	CHS	IRQ	

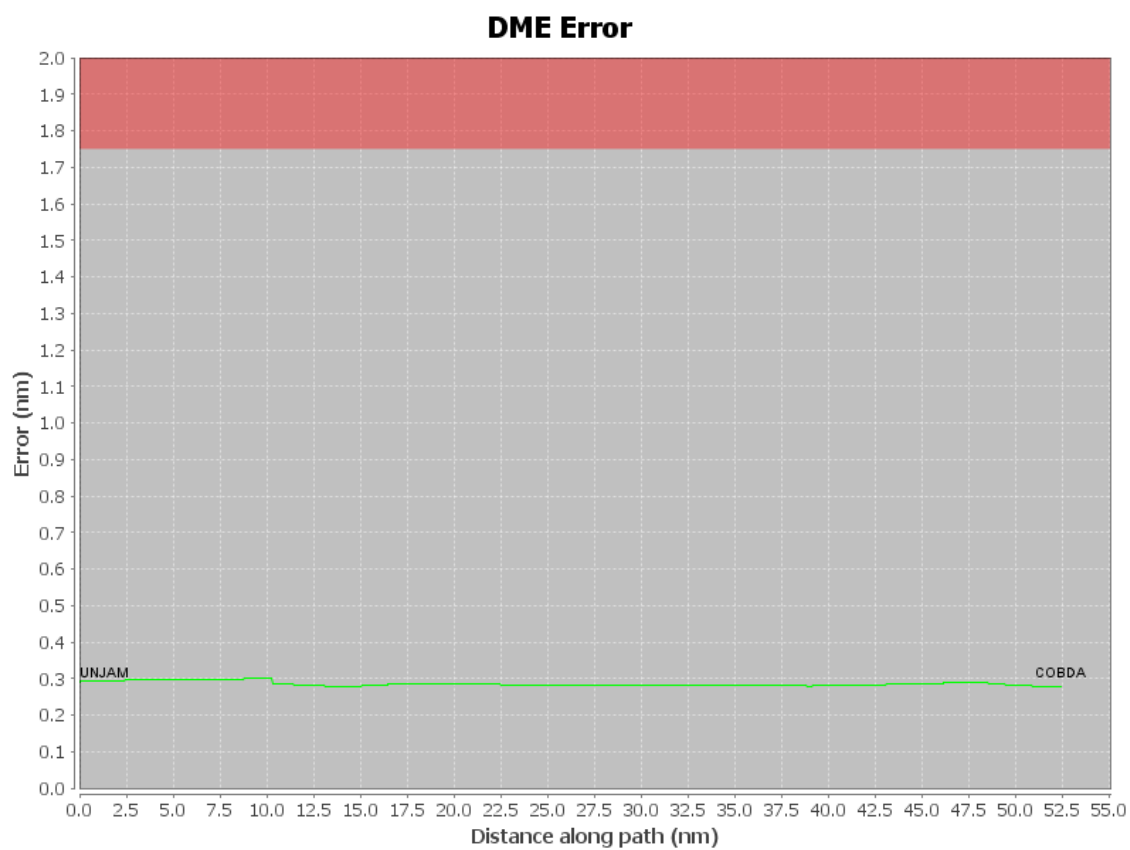
Inertial Drift Segments			
#	Start Location	End Location	Length [NM]

Available DMEs by Waypoints		
Waypoint Before	Waypoint After	DME List
UNJAM	COBDA	VAN, CTF, SPA, CAE, FLO, IRQ, CHS

# DME DME Assessment Results for OSPRI7 path UNJAM\_COBDA

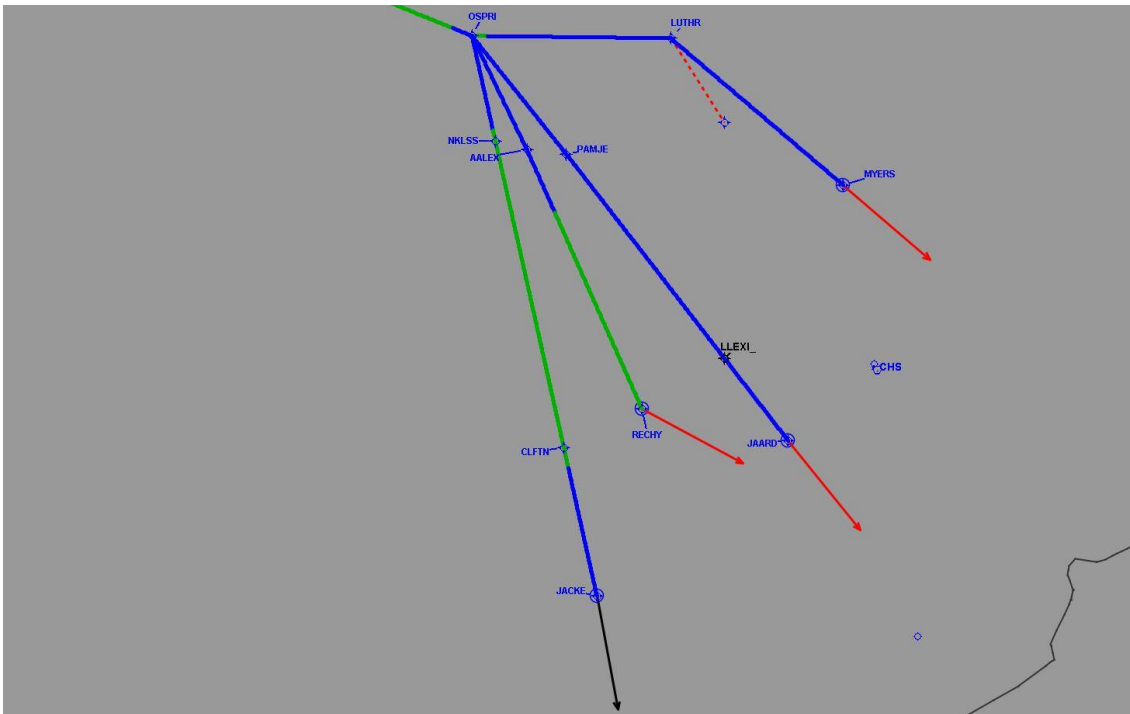
User Data Files								
#	File Name							
1	UserDMEsKCHS [IFPA] OSPRI7 RNAV STAR_20190925_1231 EDT.udt							
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	UDT ESV SAV SAV [IFPA]	N32° 08' 46.563", W081° 11' 56.780"	6.0 W	130	39.4	115.95	UDT ESV SAV	
ESV:		Bearing [True]: 34.0° to 64.0° Bearing [Mag]: 40.0° to 70.0°				Arc Distance: Out to 72.0 NM Altitude: 4000.0 to 10000.0 ft		
2	UDT ESV CAE CAE [IFPA]	N33° 51' 26.099", W081° 03' 14.050"	2.0 W	130	410.1	114.7	UDT ESV CAE	
ESV:		Bearing [True]: 250.0° to 337.0° Bearing [Mag]: 252.0° to 339.0°				Arc Distance: Out to 65.0 NM Altitude: 10000.0 to 24000.0 ft		
3	UDT ESV FLO FLO [IFPA]	N34° 13' 58.685", W079° 39' 25.780"	3.0 W	130	105	115.2	UDT ESV FLO	
ESV:		Bearing [True]: 200.0° to 288.0° Bearing [Mag]: 203.0° to 291.0°				Arc Distance: Out to 85.0 NM Altitude: 6000.0 to 24000.0 ft		
4	UDT ESV GRD GRD [IFPA]	N34° 15' 05.638", W082° 09' 14.936"	1.0 W	130	630	115.5	UDT ESV GRD	
ESV:		Bearing [True]: 11.0° to 164.0° Bearing [Mag]: 12.0° to 165.0°				Arc Distance: Out to 71.0 NM Altitude: 10000.0 to 24000.0 ft		
5	UDT ESV IRQ IRQ [IFPA]	N33° 42' 26.472", W082° 09' 43.432"	4.0 W	130	420	113.9	UDT ESV IRQ	
ESV:		Bearing [True]: 36.0° to 104.0° Bearing [Mag]: 40.0° to 108.0°				Arc Distance: Out to 72.0 NM Altitude: 10000.0 to 24000.0 ft		
6	UDT ESV SPA SPA [IFPA]	N35° 02' 01.053", W081° 55' 37.236"	2.0 W	130	935.4	115.7	UDT ESV SPA	
ESV:		Bearing [True]: 112.0° to 192.0° Bearing [Mag]: 114.0° to 194.0°				Arc Distance: Out to 90.0 NM Altitude: 10000.0 to 24000.0 ft		
7	UDT ESV IRQ IRQ [IFPA]	N33° 42' 26.472", W082° 09' 43.432"	4.0 W	130	420	113.9	UDT ESV IRQ	
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8	UDT ESV FLO FLO [IFPA]	N34° 13' 58.685", W079° 39' 25.780"	3.0 W	130	105	115.2	UDT ESV FLO	
ESV:		Bearing [True]: 270.0° to 355.0° Bearing [Mag]: 273.0° to 358.0°				Arc Distance: Out to 70.0 NM Altitude: 6000.0 to 33000.0 ft		
9	UDT ESV CAE CAE [IFPA]	N33° 51' 26.099", W081° 03' 14.050"	2.0 W	130	410.1	114.7	UDT ESV CAE	
ESV:		Bearing [True]: 15.0° to 62.0° Bearing [Mag]: 17.0° to 64.0°				Arc Distance: Out to 70.0 NM Altitude: 6500.0 to 18000.0 ft		
10	UDT ESV CHS CHS [IFPA]	N32° 53' 39.549", W080° 02' 16.131"	5.0 W	130	39	113.5	UDT ESV CHS	
ESV:		Bearing [True]: 290.0° to 337.0° Bearing [Mag]: 295.0° to 342.0°				Arc Distance: Out to 90.0 NM Altitude: 10000.0 to 24000.0 ft		

# DME DME Assessment Results for OSPRI7 path UNJAM\_COBDA

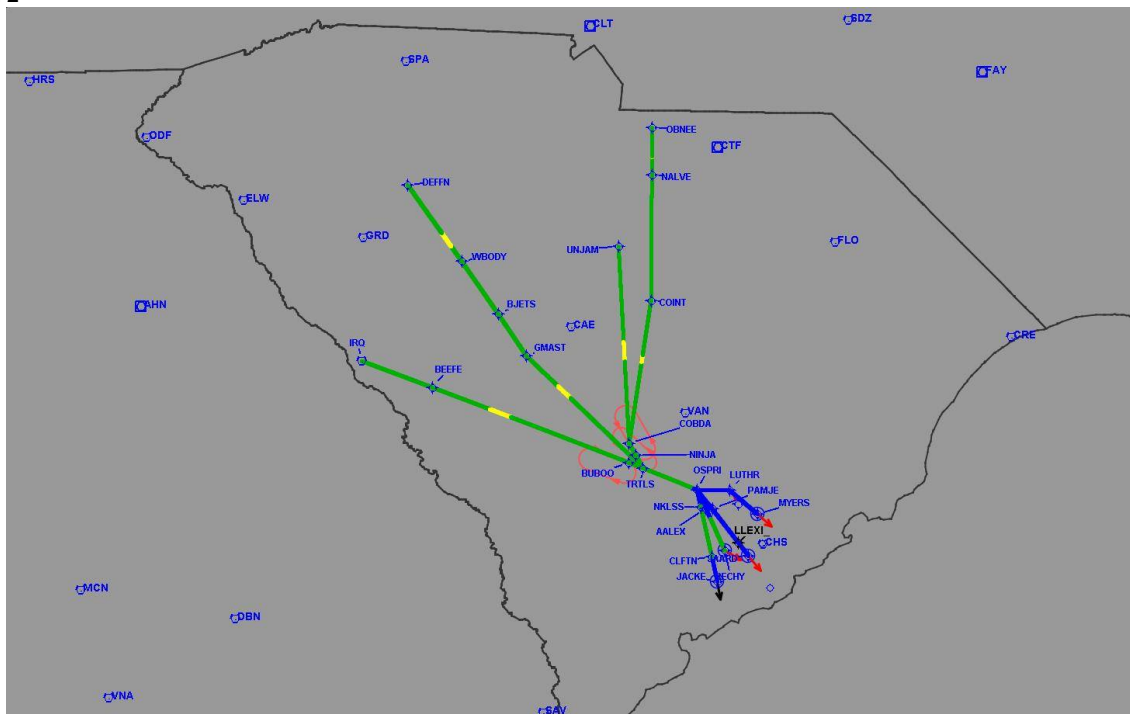


## DME DME Assessment Results for OSPRI7 path UNJAM\_COBDA

Graphic Depiction 1



### Graphic Depiction 2



### Graphic Depiction 3

