

## DME DME Assessment Results for RDNEY1 path KIDA:RW21:DER\_RAMMM

### Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Mark A-CTR Tellier
Project File:	C:\Users\Mark A-CTR Tellier\Desktop\Projects - TM\IDA\KIDA SIDs 32314 -TM v2.3 -DME DME EVAL.tgs
Output File:	C:\Users\Mark A-CTR Tellier\Desktop\Projects - TM\IDA\Submission Package\KIDA [IFPA] RDNEY1 20241228_1730 PST\KIDA-RW21-DER_RAMMM\KIDA RDNEY1 SID RW21 RAMMM 20241228_1730 PST.pdf
Procedure Name:	RDNEY1
Software: DmeDmePlugin:	7.4.1
Date/Time:	12/28/2024 17:30 PST
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
KIDA:RW21:DER	WP	N43° 30' 09.06", W112° 05' 06.77"	4742	VNAV	0	FLY_BY	TF
RDNEY	WP	N43° 25' 01.58", W112° 10' 36.27"	7000	VNAV	230	FLY_BY	TF
TRYST	WP	N43° 08' 05.73", W112° 10' 41.67"	10400	VNAV	230	FLY_BY	TF
RAMMM	WP	N42° 26' 39.63", W112° 10' 54.69"	11700	VNAV	240	FLY_BY	TF
Climb Gradient: 200.0 ft/NM							

### Flyability

Flight Type:	SID
Selected Airport:	KIDA [IFPA]
Climb Gradient:	200.0 ft/NM
Speeds:	130 at the Runway DER
	145 at the end of the VA or VI leg
	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 RDNEY1 path KIDA:RW21:DER\_RAMMM

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	BYI	N42° 34' 48.86", W113° 51' 57.09"	18.0 E	40	L		NO	Enabled	18.3 %	18.5 %
2	MLD	N42° 11' 59.64", W112° 27' 04.45"	17.0 E	130	DH		NO	Enabled	23.9 %	24.2 %
3	DBS	N44° 05' 19.87", W112° 12' 33.64"	15.0 E	130	H		NO	Enabled	0.5 %	0.5 %
4	IDA	N43° 31' 08.42", W112° 03' 50.10"	15.0 E	130	DH		NO	Enabled	28.2 %	28.5 %
5	PIH	N42° 52' 13.38", W112° 39' 08.03"	17.0 E	130	H		NO	Enabled	25.7 %	26.1 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0						
23.0	BYI	IDA				
23.2	DBS	BYI	PIH	MLD	IDA	
23.6	BYI	IDA	MLD	PIH		
33.7	BYI	IDA	MLD			
35.0						
36.1	IDA	PIH	MLD			
40.1	IDA	PIH				
42.6						

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N43° 30' 06.43", W112° 05' 09.59"	N43° 08' 32.53", W112° 10' 41.53"	22.9193
2	N42° 56' 28.58", W112° 10' 45.35"	N42° 55' 27.29", W112° 10' 45.67"	1.0212
3	N42° 48' 52.74", W112° 10' 47.75"	N42° 26' 39.63", W112° 10' 54.69"	22.2117

# DME DME Assessment Results for RDNEY1 path KIDA:RW21:DER\_RAMMM

## Available DMEs by Waypoints

Waypoint Before	Waypoint After	DME List	Suggested DMEs
KIDA:RW21:DER	RDNEY		
RDNEY	TRYST	BYI, MLD, DBS, IDA, PIH	
TRYST	RAMMM	BYI, MLD, DBS, IDA, PIH	

## User Data Files

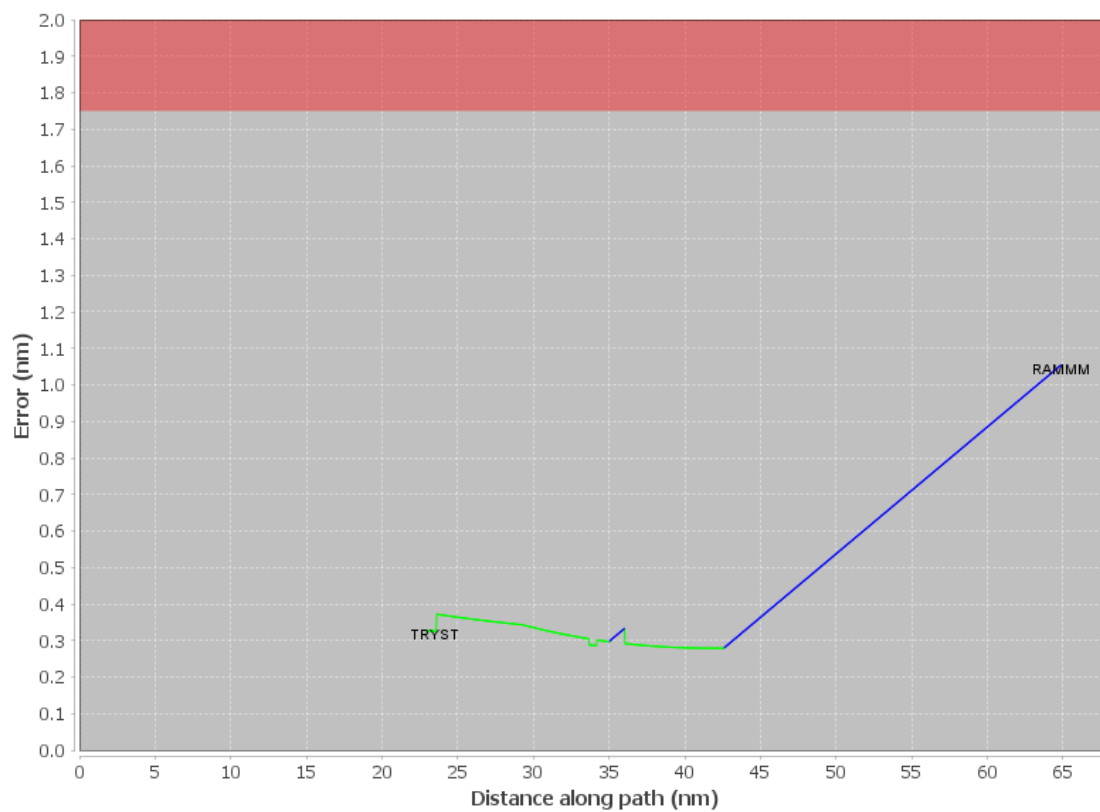
#	File Name
1	New Analysis.udt

## User DMEs

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	DBS DBS	N44° 05' 19.87", W112° 12' 33.64"	15.0 E	130	4920	116.9	DBS	
ESV:		Bearing [True]: 168.0° to 181.0° Bearing [Mag]: 153.0° to 166.0°				Arc Distance: Out to 68.0 NM Altitude: 10300.0 to 19500.0 ft		
2	BYI BYI	N42° 34' 48.86", W113° 51' 57.09"	18.0 E	40	4225.6	114.1	BYI	
ESV:		Bearing [True]: 63.0° to 74.0° Bearing [Mag]: 45.0° to 56.0°				Arc Distance: Out to 91.0 NM Altitude: 10300.0 to 22300.0 ft		

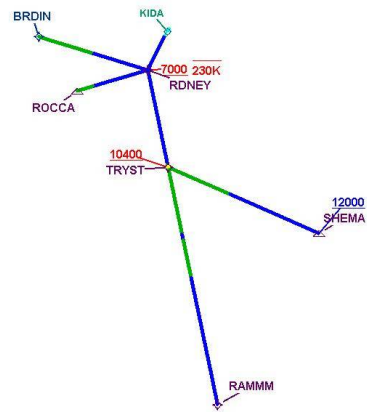
# DME DME Assessment Results for RDNEY1 path KIDA:RW21:DER\_RAMMM

## DME Error



## DME DME Assessment Results for RDNEY1 path KIDA:RW21:DER\_RAMMM

Graphic Depiction 1



## DME DME Assessment Results for RDNEY1 path RDNEY\_BRDIN

### Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Mark A-CTR Tellier
Project File:	C:\Users\Mark A-CTR Tellier\Desktop\Projects - TM\IDA\KIDA SIDs 32314 -TM v2.3 -DME DME EVAL.tgs
Output File:	C:\Users\Mark A-CTR Tellier\Desktop\Projects - TM\IDA\Submission Package\KIDA [IFPA] RDNEY1 20241228_1730 PST\RDNEY_BRDIN\KIDA RDNEY1 SID RDNEY BRDIN 20241228_1730 PST.pdf
Procedure Name:	RDNEY1
Software: DmeDmePlugin:	7.4.1
Date/Time:	12/28/2024 17:30 PST
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
RDNEY	WP	N43° 25' 01.58", W112° 10' 36.27"	7000	VNAV	230	FLY_BY	TF
BRDIN	WP	N43° 34' 30.27", W112° 33' 52.10"	7800	VNAV	230	FLY_BY	TF
Climb Gradient: 200.0 ft/NM							

### Flyability

Flight Type:	SID
Selected Airport:	KIDA [IFPA]
Climb Gradient:	200.0 ft/NM
Speeds:	130 at the Runway DER
	145 at the end of the VA or VI leg
	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 RDNEY1 path RDNEY\_BRDIN

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	DBS	N44° 05' 19.87", W112° 12' 33.64"	15.0 E	130	H		NO	Enabled	49 %	49 %
2	IDA	N43° 31' 08.42", W112° 03' 50.10"	15.0 E	130	DH		NO	Enabled	49 %	49 %

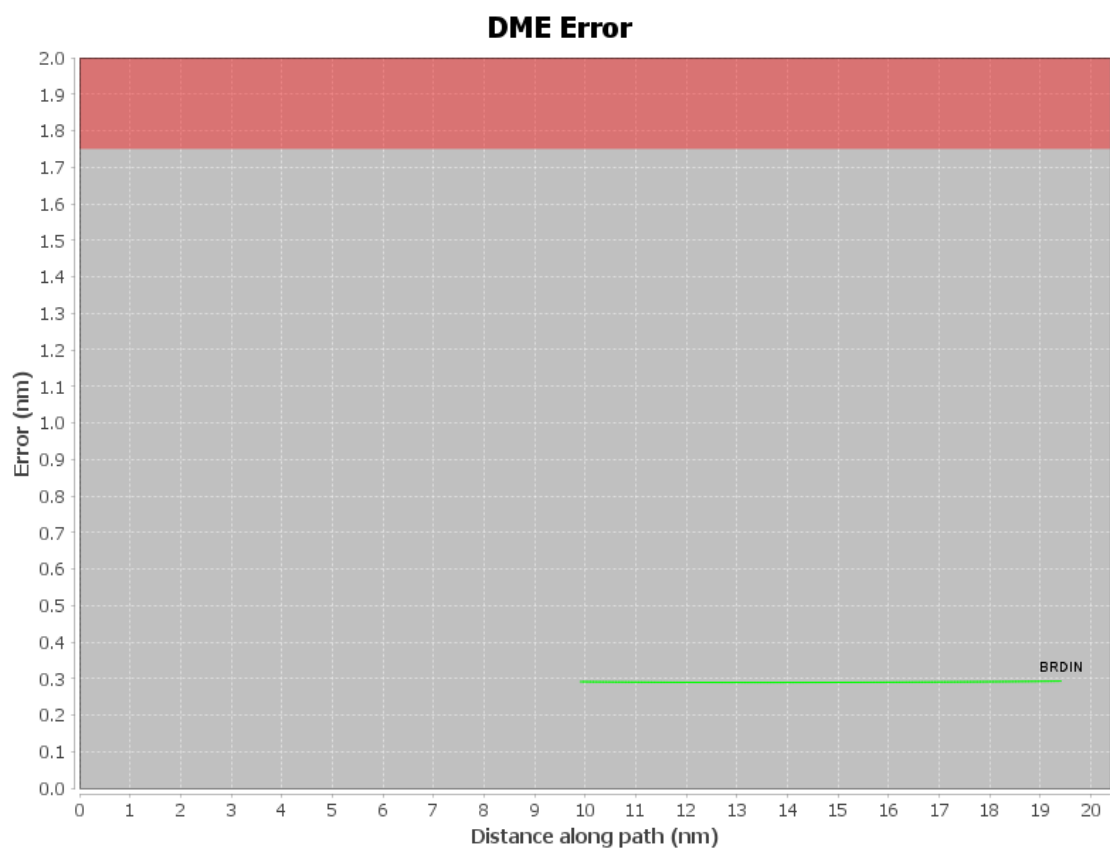
Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0						
9.9	IDA	DBS				

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N43° 25' 01.58", W112° 10' 36.27"	N43° 29' 52.47", W112° 22' 27.88"	9.9006

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
RDNEY	BRDIN	DBS, IDA	

User Data Files								
#	File Name							
1	New Analysis.udt							
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	DBS DBS	N44° 05' 19.87", W112° 12' 33.64"	15.0 E	130	4920	116.9	DBS	
ESV:		Bearing [True]: 168.0° to 181.0° Bearing [Mag]: 153.0° to 166.0°				Arc Distance: Out to 68.0 NM Altitude: 10300.0 to 19500.0 ft		
2	BYI BYI	N42° 34' 48.86", W113° 51' 57.09"	18.0 E	40	4225.6	114.1	BYI	
ESV:		Bearing [True]: 63.0° to 74.0° Bearing [Mag]: 45.0° to 56.0°				Arc Distance: Out to 91.0 NM Altitude: 10300.0 to 22300.0 ft		

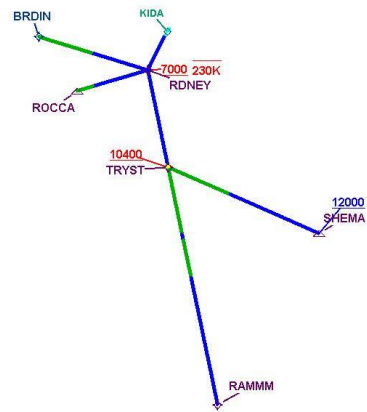
# DME DME Assessment Results for RDNEY1 path RDNEY\_BRDIN





## DME DME Assessment Results for RDNEY1 path RDNEY\_BRDIN

Graphic Depiction 1



## DME DME Assessment Results for RDNEY1 path RDNEY\_ROCCA

### Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Mark A-CTR Tellier
Project File:	C:\Users\Mark A-CTR Tellier\Desktop\Projects - TM\IDA\KIDA SIDs 32314 -TM v2.3 -DME DME EVAL.tgs
Output File:	C:\Users\Mark A-CTR Tellier\Desktop\Projects - TM\IDA\Submission Package\KIDA [IFPA] RDNEY1 20241228_1730 PST\RDNEY_ROCCA\KIDA RDNEY1 SID RDNEY ROCCA 20241228_1730 PST.pdf
Procedure Name:	RDNEY1
Software: DmeDmePlugin:	7.4.1
Date/Time:	12/28/2024 17:30 PST
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
RDNEY	WP	N43° 25' 01.58", W112° 10' 36.27"	7000	VNAV	230	FLY_BY	TF
ROCCA	WP	N43° 24' 04.16", W112° 27' 41.62"	7400	VNAV	230	FLY_BY	TF
Climb Gradient: 200.0 ft/NM							

### Flyability

Flight Type:	SID
Selected Airport:	KIDA [IFPA]
Climb Gradient:	200.0 ft/NM
Speeds:	130 at the Runway DER
	145 at the end of the VA or VI leg
	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 RDNEY1 path RDNEY\_ROCCA

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

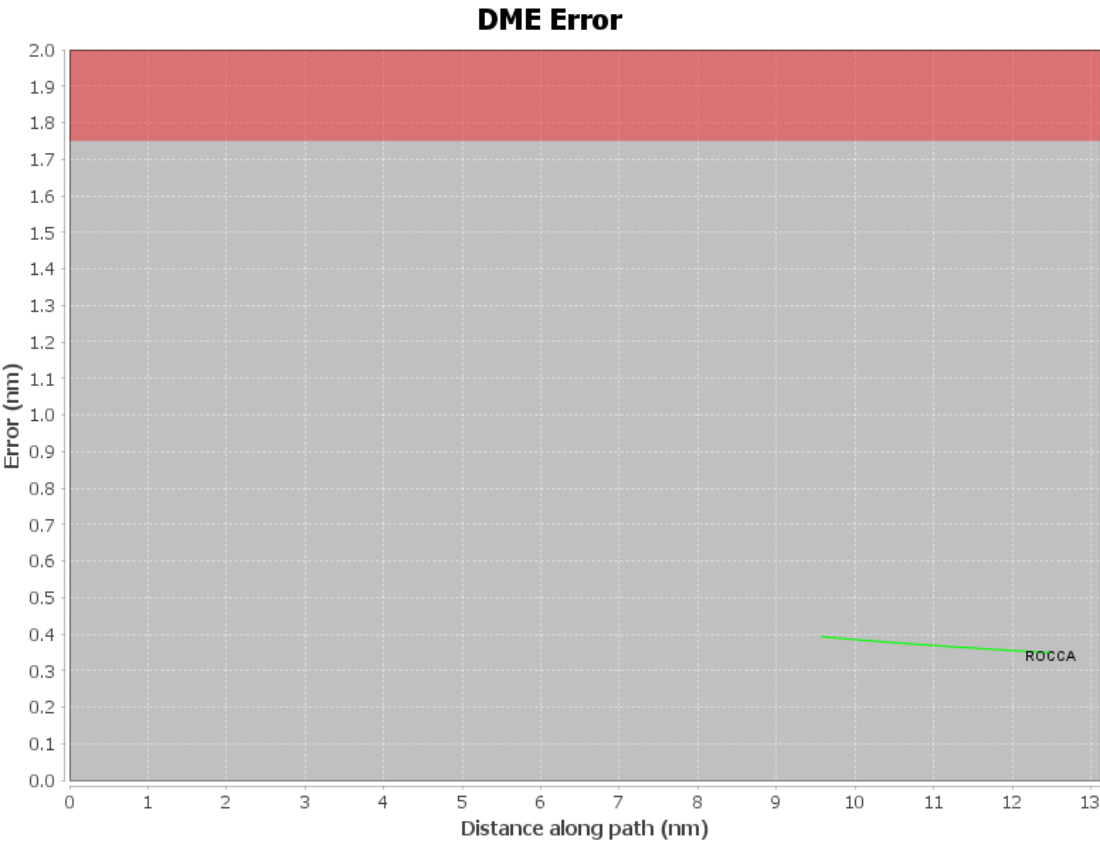
DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	IDA	N43° 31' 08.42", W112° 03' 50.10"	15.0 E	130	DH		NO	Enabled	23.4 %	23.4 %
2	PIH	N42° 52' 13.38", W112° 39' 08.03"	17.0 E	130	H		NO	Enabled	23.4 %	23.4 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0						
9.6	IDA	PIH				

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N43° 25' 01.58", W112° 10' 36.27"	N43° 24' 17.83", W112° 23' 41.57"	9.5615

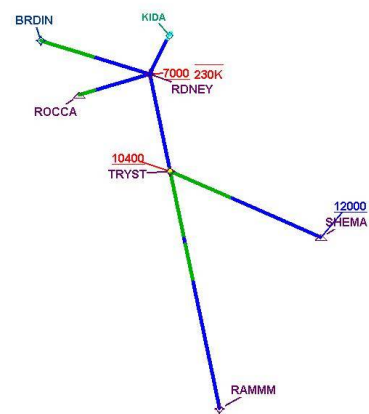
Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
RDNEY	ROCCA	IDA, PIH	

User Data Files								
#	File Name							
1	New Analysis.udt							
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	DBS DBS	N44° 05' 19.87", W112° 12' 33.64"	15.0 E	130	4920	116.9	DBS	
ESV:		Bearing [True]: 168.0° to 181.0° Bearing [Mag]: 153.0° to 166.0°				Arc Distance: Out to 68.0 NM Altitude: 10300.0 to 19500.0 ft		
2	BYI BYI	N42° 34' 48.86", W113° 51' 57.09"	18.0 E	40	4225.6	114.1	BYI	
ESV:		Bearing [True]: 63.0° to 74.0° Bearing [Mag]: 45.0° to 56.0°				Arc Distance: Out to 91.0 NM Altitude: 10300.0 to 22300.0 ft		



DME DME Assessment Results for RDNEY1 path RDNEY\_ROCCA

Graphic Depiction 1



## DME DME Assessment Results for RDNEY1 path TRYST\_SHEMA

### Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Mark A-CTR Tellier
Project File:	C:\Users\Mark A-CTR Tellier\Desktop\Projects - TM\IDA\KIDA SIDs 32314 -TM v2.3 -DME DME EVAL.tgs
Output File:	C:\Users\Mark A-CTR Tellier\Desktop\Projects - TM\IDA\Submission Package\KIDA [IFPA] RDNEY1 20241228_1730 PST\TRYST_SHEMA\KIDA RDNEY1 SID TRYST SHEMA 20241228_1730 PST.pdf
Procedure Name:	RDNEY1
Software: DmeDmePlugin:	7.4.1
Date/Time:	12/28/2024 17:30 PST
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
TRYST	WP	N43° 08' 05.73", W112° 10' 41.67"	10400	VNAV	230	FLY_BY	TF
SHEMA	WP	N42° 51' 40.41", W111° 39' 31.85"	10400	VNAV	230	FLY_BY	TF

### Flyability

Flight Type:	SID
Selected Airport:	KIDA [IFPA]
Climb Gradient:	None assigned
Speeds:	130 at the Runway DER
	145 at the end of the VA or VI leg
	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 RDNEY1 path TRYST\_SHEMA

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	BYI	N42° 34' 48.86", W113° 51' 57.09"	18.0 E	40	L		NO	Enabled	40.8 %	40.8 %
2	DBS	N44° 05' 19.87", W112° 12' 33.64"	15.0 E	130	H		NO	Enabled	39.9 %	39.9 %
3	IDA	N43° 31' 08.42", W112° 03' 50.10"	15.0 E	130	DH		NO	Enabled	40.8 %	40.8 %
4	PIH	N42° 52' 13.38", W112° 39' 08.03"	17.0 E	130	H		NO	Enabled	39 %	39 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	DBS	BYI	PIH	IDA		
11.0	DBS	BYI	IDA			
11.3	BYI	IDA				
11.6						

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N43° 01' 22.36", W111° 57' 52.23"	N42° 51' 40.41", W111° 39' 31.85"	16.5975

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
TRYST	SHEMA	BYI, DBS, IDA, PIH	

# DME DME Assessment Results for RDNEY1 path TRYST\_SHEMA

## User Data Files

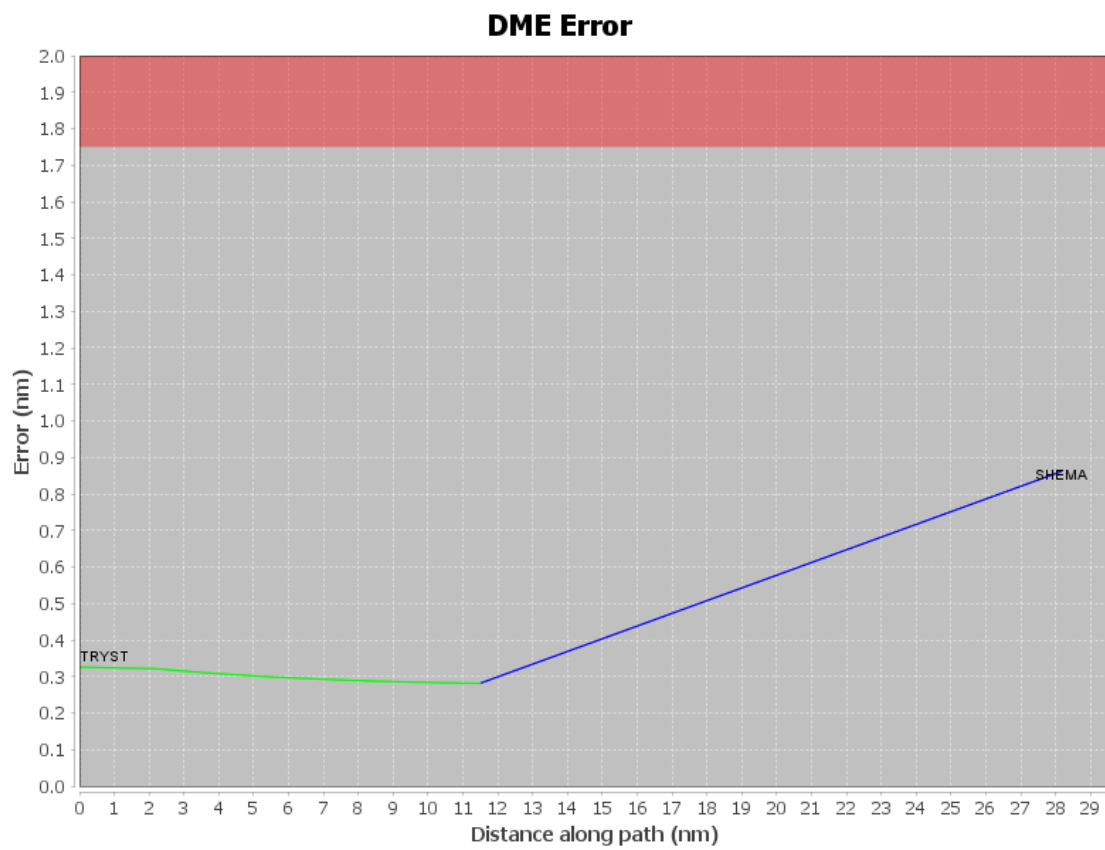
#	File Name
1	New Analysis.udt

## User DMEs

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	DBS DBS	N44° 05' 19.87", W112° 12' 33.64"	15.0 E	130	4920	116.9	DBS	
ESV:		Bearing [True]: 168.0° to 181.0° Bearing [Mag]: 153.0° to 166.0°				Arc Distance: Out to 68.0 NM Altitude: 10300.0 to 19500.0 ft		
2	BYI BYI	N42° 34' 48.86", W113° 51' 57.09"	18.0 E	40	4225.6	114.1	BYI	
ESV:		Bearing [True]: 63.0° to 74.0° Bearing [Mag]: 45.0° to 56.0°				Arc Distance: Out to 91.0 NM Altitude: 10300.0 to 22300.0 ft		



# DME DME Assessment Results for RDNEY1 path TRYST\_SHEMA



## DME DME Assessment Results for RDNEY1 path TRYST\_SHEMA

Graphic Depiction 1

