

DME DME Assessment Results for FISSK7 path DROSE_TACTT

Results Summary

| | |
|----------------------------|---|
| Flyability: | Completed |
| DME/DME: | Completed - No Critical DMEs |
| Name: | Jose G-CTR Medina |
| Project File: | C:\Users\Jose G-CTR Medina\OneDrive - Federal Aviation Administration\Documents\01. Projects\DME EVALUATIONS\KMDW\June 2024 DME Screens\KMDW STAR FISSK SEVEN DME SCREENS 20240621.tgs |
| Output File: | C:\Users\Jose G-CTR Medina\OneDrive - Federal Aviation Administration\Documents\01. Projects\DME EVALUATIONS\KMDW\June 2024 DME Screens\KMDW FISSK SEVEN STAR DME SCREENS\KMDW FISSK7 20240621_1149 CDT\DROSE_TACTT\KMDW FISSK7 RNAV STAR DROSE TACTT 20240621_1149 CDT.pdf |
| Procedure Name: | FISSK7 |
| Software: DmeDmePlugin: | 7.3.2 |
| Date/Time: | 06/21/2024 11:49 CDT |
| Databases: | DTED LEVEL 0 MAX |

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 |
|-------|------|--|---------------|-----------|--------------------|-----------|----------|
| DROSE | WP | N40° 31' 39.4100", W086° 03' 28.8200" | 3400 | VNAV | 200 | FLY_BY | TF |
| TROLY | WP | N40° 41' 40.3500", W086° 03' 15.0900" | 3400 | VNAV | 200 | FLY_BY | TF |
| GOTNE | WP | N40° 57' 40.5800", W086° 02' 52.9500" | 3400 | VNAV | 200 | FLY_BY | TF |
| FISSK | WP | N41° 02' 57.0000", W086° 25' 58.0000" | 3400 | VNAV | 200 | FLY_BY | TF |
| VEECK | WP | N41° 07' 31.0000", W086° 37' 09.0000" | 3400 | VNAV | 200 | FLY_BY | TF |
| OZZEY | WP | N41° 23' 57.0000", W086° 56' 00.6000" | 3400 | VNAV | 200 | FLY_BY | TF |
| AZUMO | WP | N41° 27' 27.9400", W087° 00' 17.2700" | 3400 | VNAV | 200 | FLY_BY | TF |
| HALIE | WP | N41° 30' 57.8500", W087° 09' 31.9500" | 3400 | VNAV | 200 | FLY_BY | TF |
| GERMN | WP | N41° 42' 06.6000", W087° 15' 06.5800" | 3400 | VNAV | 200 | FLY_BY | TF |
| LNANE | WP | N41° 45' 18.3800", W087° 16' 42.9200" | 3400 | VNAV | 200 | FLY_BY | TF |
| BOCAH | WP | N41° 51' 00.7800", W087° 20' 15.4900" | 3400 | VNAV | 200 | FLY_BY | TF |
| TACTT | WP | N41° 51' 00.8200", W087° 26' 16.7700" | 3400 | VNAV | 200 | FLY_BY | TF |

DME DME Assessment Results for FISSK7 path DROSE_TACTT

| Flyability | |
|------------------------|---------------------------------|
| Flight Type: | RNAV_STAR |
| Selected Airport: | KMDW |
| 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 | |
|-----------------------------------|----------------------|
| RNP: | RNP 2 |
| Flight Mode: | Manual |
| Line of Sight (DTED Level 0 Max): | Evaluated |
| Inertial Drift: | Enabled |
| Initial Drift: | 0.558 NM |
| INS Drift Rate: | 8.0 NM/Hour |
| Range Mode: | OSV |
| RNP Edges: | Evaluated |
| Min DME Range: | 3.0 NM |
| DME Types: | DME, VOR-DME, VORTAC |
| DME Include Angles: | 30 to 150 |
| Critical DMEs: | Allowed |
| DoD Facilities: | Not included |
| Foreign Facilities: | Not included |
| High DMEs: | Included |
| Low DMEs: | Included |
| Terminal DMEs: | Included |
| Flight Check DMEs: | Not selected |
| Higher Altitudes: | Not Evaluated |
| Near Maximum Altitude: | Not Evaluated |
| Automatic ESVs: | Not enabled |
| Disabled DMEs: | None |

DME DME Assessment Results for FISSK7 path DROSE_TACTT

| DME/DME (Continued) | | | | | | | | | | |
|----------------------------|------|--|--------|-------|------|--------|----------|---------|------|----------|
| DMEs Used | | | | | | | | | | |
| # | Name | Lat/Lon | MAGVAR | Range | Type | Source | Critical | Status | Time | Distance |
| 1 | OBK | N42° 13' 16.9555", W087° 57' 06.0134" | 2.0 W | 130 | DH | IFPA | NO | Enabled | | |
| 2 | GSH | N41° 31' 30.5586", W086° 01' 40.6316" | 0.0 E | 130 | H | IFPA | NO | Enabled | | |
| 3 | MZZ | N40° 29' 35.9904", W085° 40' 45.3000" | 3.0 W | 40 | L | IFPA | NO | Enabled | | |
| 4 | GIJ | N41° 46' 07.0005", W086° 19' 06.4268" | 0.0 E | 130 | H | IFPA | NO | Enabled | | |
| 5 | IKK | N41° 04' 27.7626", W087° 51' 00.5883" | 0.0 E | 40 | L | IFPA | NO | Enabled | | |
| 6 | CGT | N41° 30' 36.0237", W087° 34' 17.5660" | 2.0 E | 40 | L | IFPA | NO | Enabled | | |
| 7 | VHP | N39° 48' 53.0246", W086° 22' 02.9992" | 1.0 E | 130 | H | IFPA | NO | Enabled | | |
| 8 | MIE | N40° 14' 14.2533", W085° 23' 38.5315" | 3.0 W | 40 | L | IFPA | NO | Enabled | | |
| 9 | EON | N41° 16' 10.6765", W087° 47' 27.7925" | 2.0 E | 40 | L | IFPA | NO | Enabled | | |
| 10 | OXI | N41° 19' 19.4116", W086° 38' 57.4387" | 0.0 E | 130 | DH | IFPA | NO | Enabled | | |
| 11 | BVT | N40° 33' 22.2178", W087° 04' 09.7481" | 1.0 E | 130 | H | IFPA | NO | Enabled | | |
| 12 | GCO | N41° 59' 38.7200", W087° 54' 08.3800" | 0.0 E | 40 | L | IFPA | NO | Enabled | | |
| 13 | FWA | N40° 58' 44.6315", W085° 11' 17.0092" | 6.0 W | 130 | H | IFPA | NO | Enabled | | |

DME DME Assessment Results for FISSK7 path DROSE_TACTT

| Flight Check DME Selection | | | | | | |
|----------------------------|---------------|---------------|---------------|---------------|---------------|-----------|
| Distance [NM] | Selected DMEs | | | | | Alternate |
| 0.0 | VHP [IFPA] | MIE [IFPA] | MZZ [IFPA] | BVT [IFPA] | FWA [IFPA] | |
| 2.0 | FWA [IFPA] | MIE [IFPA] | MZZ [IFPA] | BVT [IFPA] | | |
| 3.2 | FWA [IFPA] | OXI [IFPA] | MIE [IFPA] | BVT [IFPA] | MZZ [IFPA] | |
| 3.3 | FWA [IFPA] | OXI [IFPA] | BVT [IFPA] | MZZ [IFPA] | | |
| 18.4 | FWA [IFPA] | MZZ [IFPA] | OXI [IFPA] | | | |
| 20.1 | GSH [IFPA] | FWA [IFPA] | MZZ [IFPA] | OXI [IFPA] | | |
| 27.1 | GSH [IFPA] | OXI [IFPA] | | | | |
| 27.5 | GSH [IFPA] | OXI [IFPA] | MZZ [IFPA] | | | |
| 29.4 | BVT [IFPA] | MZZ [IFPA] | OXI [IFPA] | GSH [IFPA] | | |
| 32.2 | BVT [IFPA] | OXI [IFPA] | GSH [IFPA] | | | |
| 53.8 | GSH [IFPA] | OXI [IFPA] | | | | |
| 58.4 | | | | | | |
| 65.1 | CGT [IFPA] | GIJ [IFPA] | OXI [IFPA] | GSH [IFPA] | | |
| 67.4 | BVT [IFPA] | CGT [IFPA] | GIJ [IFPA] | OXI [IFPA] | | |
| 74.0 | BVT [IFPA] | CGT [IFPA] | OXI [IFPA] | IKK [IFPA] | GIJ [IFPA] | |
| 74.2 | BVT [IFPA] | CGT [IFPA] | OXI [IFPA] | GIJ [IFPA] | | |
| 74.9 | BVT [IFPA] | CGT [IFPA] | OXI [IFPA] | GIJ [IFPA] | IKK [IFPA] | |
| 77.1 | GIJ [IFPA] | OXI [IFPA] | IKK [IFPA] | CGT [IFPA] | | |
| 78.4 | GIJ [IFPA] | OXI [IFPA] | CGT [IFPA] | | | |
| 79.9 | GIJ [IFPA] | OXI [IFPA] | EON [IFPA] | CGT [IFPA] | | |
| 80.4 | GIJ [IFPA] | OXI [IFPA] | | | | |
| 81.5 | | | | | | |
| 82.0 | EON [IFPA] | OXI [IFPA] | | | | |
| 90.7 | EON [IFPA] | OXI [IFPA] | CGT [IFPA] | | | |
| 91.2 | EON [IFPA] | OBK [IFPA] | OXI [IFPA] | CGT [IFPA] | | |
| 95.5 | EON [IFPA] | OBK [IFPA] | OXI [IFPA] | GCO [IFPA] | CGT [IFPA] | |
| 102.1 | CGT [IFPA] | OBK [IFPA] | OXI [IFPA] | GCO [IFPA] | | |
| 105.7 | CGT [IFPA] | OBK [IFPA] | EON [IFPA] | OXI [IFPA] | GCO [IFPA] | |
| 109.1 | CGT [IFPA] | GCO [IFPA] | OBK [IFPA] | OXI [IFPA] | | |
| 110.5 | CGT [IFPA] | GCO [IFPA] | EON [IFPA] | OBK [IFPA] | OXI [IFPA] | |

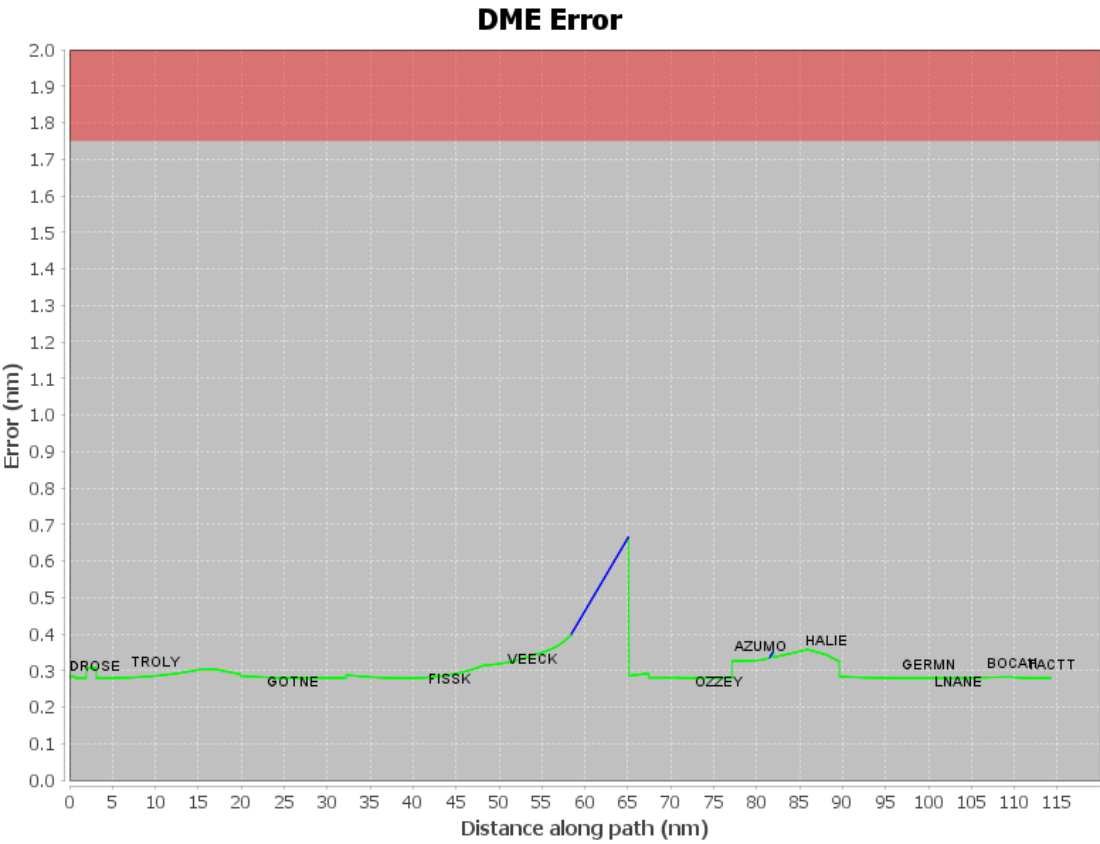
| Inertial Drift Segments | | | |
|-------------------------|---------------------------------------|---------------------------------------|-------------|
| # | Start Location | End Location | Length [NM] |
| 1 | N41° 10' 57.5141", W086° 41' 04.9312" | N41° 16' 01.9987", W086° 46' 53.8266" | 6.7065 |
| 2 | N41° 27' 59.2504", W087° 01' 39.8189" | N41° 28' 11.1738", W087° 02' 11.2719" | 0.4413 |

DME DME Assessment Results for FISSK7 path DROSE_TACTT

| Available DMEs by Waypoints | | | |
|-----------------------------|----------------|--|----------------|
| Waypoint Before | Waypoint After | DME List | Suggested DMEs |
| DROSE | TROLY | BVT [IFPA], MZZ [IFPA], VHP [IFPA], MIE [IFPA], FWA [IFPA], OXI [IFPA] | |
| TROLY | GOTNE | BVT [IFPA], GSH [IFPA], MZZ [IFPA], FWA [IFPA], OXI [IFPA] | |
| GOTNE | FISSK | GSH [IFPA], BVT [IFPA], MZZ [IFPA], FWA [IFPA], OXI [IFPA] | |
| FISSK | VEECK | GSH [IFPA], BVT [IFPA], OXI [IFPA] | |
| VEECK | OZZEY | GSH [IFPA], BVT [IFPA], GIJ [IFPA], IKK [IFPA], CGT [IFPA], OXI [IFPA] | |
| OZZEY | AZUMO | BVT [IFPA], GIJ [IFPA], IKK [IFPA], CGT [IFPA], EON [IFPA], OXI [IFPA] | |
| AZUMO | HALIE | GIJ [IFPA], EON [IFPA], OXI [IFPA] | |
| HALIE | GERMN | OBK [IFPA], CGT [IFPA], EON [IFPA], GCO [IFPA], OXI [IFPA] | |
| GERMN | LNANE | OBK [IFPA], CGT [IFPA], EON [IFPA], GCO [IFPA], OXI [IFPA] | |
| LNANE | BOCAH | OBK [IFPA], CGT [IFPA], GCO [IFPA], EON [IFPA], OXI [IFPA] | |
| BOCAH | TACTT | OBK [IFPA], CGT [IFPA], GCO [IFPA], EON [IFPA], OXI [IFPA] | |

| User Data Files | | | | | | | | |
|-----------------|--|---|--------|-------|----------------|--|----------------------|--------|
| # | File Name | | | | | | | |
| 1 | UserDMEsKMDW [IFPA] FISSK5 RNAV STAR_20220308_1451 CST.udt | | | | | | | |
| User DMEs | | | | | | | | |
| # | Name | Lat/Lon | MAGVAR | Range | Elevation [ft] | Frequency | Replaces | Status |
| 1 | BVT FAA 900606 - 021 BVT [IFPA] | N40° 33' 22.2178", W087° 04' 09.7481" | 1.0 E | 130 | 752.2 | 115.1 | BVT FAA 900606 - 021 | |
| ESV: | | Bearing [True]: 360.0° to 93.0° Bearing [Mag]: 359.0° to 92.0° | | | | Arc Distance: Out to 53.0 NM Altitude: 3400.0 to 16000.0 ft | | |
| 2 | VHP FAA 698209 - 066 VHP [IFPA] | N39° 48' 53.0246", W086° 22' 02.9992" | 1.0 E | 130 | 871.5 | 116.3 | VHP FAA 698209 - 066 | |
| ESV: | | Bearing [True]: 12.0° to 25.0° Bearing [Mag]: 11.0° to 24.0° | | | | Arc Distance: Out to 47.0 NM Altitude: 3300.0 to 20000.0 ft | | |
| 3 | FWA FAA 698241 - 036 FWA [IFPA] | N40° 58' 44.6315", W085° 11' 17.0092" | 6.0 W | 130 | 792.6 | 117.8 | FWA FAA 698241 - 036 | |
| ESV: | | Bearing [True]: 231.0° to 263.0° Bearing [Mag]: 237.0° to 269.0° | | | | Arc Distance: Out to 52.0 NM Altitude: 3300.0 to 16000.0 ft | | |
| 4 | IKK FAA 942623 - 001 IKK [IFPA] | N41° 04' 27.7626", W087° 51' 00.5883" | 0.0 E | 40 | 617.9 | 111.6 | IKK FAA 942623 - 001 | |
| ESV: | | Bearing [True]: 60.0° to 67.0° Bearing [Mag]: 60.0° to 67.0° | | | | Arc Distance: Out to 50.0 NM Altitude: 2900.0 to 18700.0 ft | | |
| 5 | BVT FAA 900606-18 BVT [IFPA] | N40° 33' 22.2178", W087° 04' 09.7481" | 1.0 E | 130 | 752.2 | 115.1 | BVT FAA 900606-18 | |
| ESV: | | Bearing [True]: 1.0° to 11.0° Bearing [Mag]: 0.0° to 10.0° | | | | Arc Distance: Out to 55.0 NM Altitude: 2900.0 to 15300.0 ft | | |

DME DME Assessment Results for FISSK7 path DROSE_TACTT



DME DME Assessment Results for FISSK7 path HALIE_HILLS

Results Summary

| | |
|----------------------------|---|
| Flyability: | Completed |
| DME/DME: | Completed - No Critical DMEs |
| Name: | Jose G-CTR Medina |
| Project File: | C:\Users\Jose G-CTR Medina\OneDrive - Federal Aviation Administration\Documents\01. Projects\DME EVALUATIONS\KMDW\June 2024 DME Screens\KMDW STAR FISSK SEVEN DME SCREENS 20240621.tgs |
| Output File: | C:\Users\Jose G-CTR Medina\OneDrive - Federal Aviation Administration\Documents\01. Projects\DME EVALUATIONS\KMDW\June 2024 DME Screens\KMDW FISSK SEVEN STAR DME SCREENS\KMDW FISSK7 20240621_1149 CDT\HALIE_HILLS\KMDW FISSK7 RNAV STAR HALIE HILLS 20240621_1149 CDT.pdf |
| Procedure Name: | FISSK7 |
| Software: DmeDmePlugin: | 7.3.2 |
| Date/Time: | 06/21/2024 11:49 CDT |
| Databases: | DTED LEVEL 0 MAX |

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 |
|-------|------|--|---------------|-----------|--------------------|-----------|----------|
| HALIE | WP | N41° 30' 57.8500", W087° 09' 31.9500" | 3400 | VNAV | 200 | FLY_BY | TF |
| ELLJO | WP | N41° 34' 53.0300", W087° 22' 52.4600" | 3400 | VNAV | 240 | FLY_BY | TF |
| HILLS | WP | N41° 37' 25.4000", W087° 31' 34.1800" | 3400 | VNAV | 240 | FLY_BY | TF |

Flyability

| | |
|------------------------|---------------------------------|
| Flight Type: | RNAV_STAR |
| Selected Airport: | KMDW |
| 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 FISSK7 path HALIE_HILLS

| DME/DME | |
|-----------------------------------|----------------------|
| RNP: | RNP 2 |
| Flight Mode: | Manual |
| Line of Sight (DTED Level 0 Max): | Evaluated |
| Inertial Drift: | Enabled |
| Initial Drift: | 0.558 NM |
| INS Drift Rate: | 8.0 NM/Hour |
| Range Mode: | OSV |
| RNP Edges: | Evaluated |
| Min DME Range: | 3.0 NM |
| DME Types: | DME, VOR-DME, VORTAC |
| DME Include Angles: | 30 to 150 |
| Critical DMEs: | Allowed |
| DoD Facilities: | Not included |
| Foreign Facilities: | Not included |
| High DMEs: | Included |
| Low DMEs: | Included |
| Terminal DMEs: | Included |
| Flight Check DMEs: | Not selected |
| Higher Altitudes: | Not Evaluated |
| Near Maximum Altitude: | Not Evaluated |
| Automatic ESVs: | Not enabled |
| Disabled DMEs: | None |

| DME/DME (Continued) | | | | | | | | | | |
|---------------------|------|--|--------|-------|------|--------|----------|---------|------|----------|
| DMEs Used | | | | | | | | | | |
| # | Name | Lat/Lon | MAGVAR | Range | Type | Source | Critical | Status | Time | Distance |
| 1 | OBK | N42° 13' 16.9555", W087° 57' 06.0134" | 2.0 W | 130 | DH | IFPA | NO | Enabled | | |
| 2 | JOT | N41° 32' 47.1067", W088° 19' 06.2780" | 2.0 E | 130 | H | IFPA | NO | Enabled | | |
| 3 | IKK | N41° 04' 27.7626", W087° 51' 00.5883" | 0.0 E | 40 | L | IFPA | NO | Enabled | | |
| 4 | CGT | N41° 30' 36.0237", W087° 34' 17.5660" | 2.0 E | 40 | L | IFPA | NO | Enabled | | |
| 5 | EON | N41° 16' 10.6765", W087° 47' 27.7925" | 2.0 E | 40 | L | IFPA | NO | Enabled | | |
| 6 | GCO | N41° 59' 38.7200", W087° 54' 08.3800" | 0.0 E | 40 | L | IFPA | NO | Enabled | | |
| 7 | OXI | N41° 19' 19.4116", W086° 38' 57.4387" | 0.0 E | 130 | DH | IFPA | NO | Enabled | | |

| Flight Check DME Selection | | | | | | |
|----------------------------|---------------|---------------|---------------|---------------|---------------|-----------|
| Distance [NM] | Selected DMEs | | | | | Alternate |
| 0.0 | EON [IFPA] | OXI [IFPA] | | | | |
| 2.1 | IKK [IFPA] | OBK [IFPA] | EON [IFPA] | OXI [IFPA] | CGT [IFPA] | |
| 4.2 | EON [IFPA] | OBK [IFPA] | OXI [IFPA] | CGT [IFPA] | | |
| 6.1 | EON [IFPA] | OBK [IFPA] | GCO [IFPA] | CGT [IFPA] | OXI [IFPA] | |

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

DME DME Assessment Results for FISSK7 path HALIE_HILLS

Available DMEs by Waypoints

| Waypoint Before | Waypoint After | DME List | Suggested DMEs |
|-----------------|----------------|--|----------------|
| HALIE | ELLJO | OBK [IFPA], IKK [IFPA], CGT [IFPA], EON [IFPA], GCO [IFPA], OXI [IFPA] | |
| ELLJO | HILLS | OBK [IFPA], JOT [IFPA], CGT [IFPA], EON [IFPA], GCO [IFPA], OXI [IFPA] | |

User Data Files

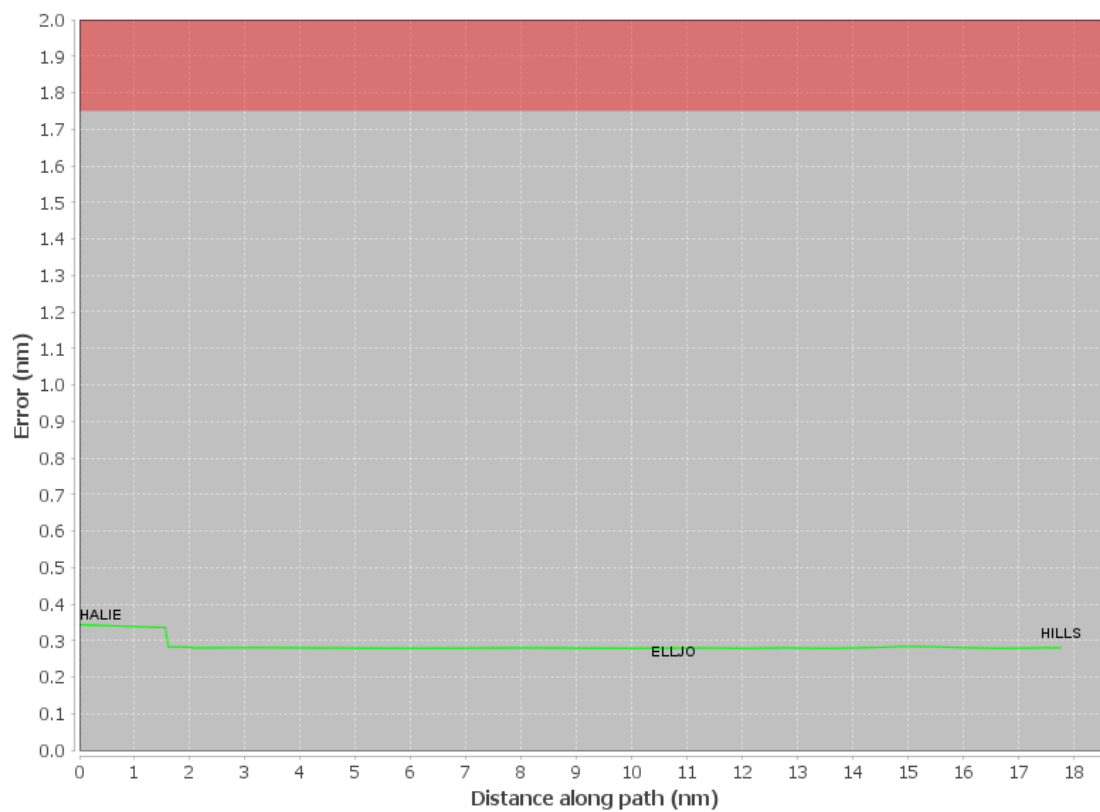
| # | File Name |
|---|--|
| 1 | UserDMEsKMDW [IFPA] FISSK5 RNAV STAR_20220308_1451 CST.udt |

User DMEs

| # | Name | Lat/Lon | MAGVAR | Range | Elevation [ft] | Frequency | Replaces | Status |
|------|------------------------------------|---|--------|-------|----------------|--|----------------------|--------|
| 1 | BVT FAA 900606 - 021 BVT [IFPA] | N40° 33' 22.2178", W087° 04' 09.7481" | 1.0 E | 130 | 752.2 | 115.1 | BVT FAA 900606 - 021 | |
| ESV: | | Bearing [True]: 360.0° to 93.0° Bearing [Mag]: 359.0° to 92.0° | | | | Arc Distance: Out to 53.0 NM Altitude: 3400.0 to 16000.0 ft | | |
| 2 | VHP FAA 698209 - 066 VHP [IFPA] | N39° 48' 53.0246", W086° 22' 02.9992" | 1.0 E | 130 | 871.5 | 116.3 | VHP FAA 698209 - 066 | |
| ESV: | | Bearing [True]: 12.0° to 25.0° Bearing [Mag]: 11.0° to 24.0° | | | | Arc Distance: Out to 47.0 NM Altitude: 3300.0 to 20000.0 ft | | |
| 3 | FWA FAA 698241 - 036 FWA [IFPA] | N40° 58' 44.6315", W085° 11' 17.0092" | 6.0 W | 130 | 792.6 | 117.8 | FWA FAA 698241 - 036 | |
| ESV: | | Bearing [True]: 231.0° to 263.0° Bearing [Mag]: 237.0° to 269.0° | | | | Arc Distance: Out to 52.0 NM Altitude: 3300.0 to 16000.0 ft | | |
| 4 | IKK FAA 942623 - 001 IKK [IFPA] | N41° 04' 27.7626", W087° 51' 00.5883" | 0.0 E | 40 | 617.9 | 111.6 | IKK FAA 942623 - 001 | |
| ESV: | | Bearing [True]: 60.0° to 67.0° Bearing [Mag]: 60.0° to 67.0° | | | | Arc Distance: Out to 50.0 NM Altitude: 2900.0 to 18700.0 ft | | |
| 5 | BVT FAA 900606-18 BVT [IFPA] | N40° 33' 22.2178", W087° 04' 09.7481" | 1.0 E | 130 | 752.2 | 115.1 | BVT FAA 900606-18 | |
| ESV: | | Bearing [True]: 1.0° to 11.0° Bearing [Mag]: 0.0° to 10.0° | | | | Arc Distance: Out to 55.0 NM Altitude: 2900.0 to 15300.0 ft | | |

DME DME Assessment Results for FISSK7 path HALIE_HILLS

DME Error



DME DME Assessment Results for FISSK7 path HALIE_OLCYK

Results Summary

| | |
|----------------------------|---|
| Flyability: | Completed |
| DME/DME: | Completed - No Critical DMEs |
| Name: | Jose G-CTR Medina |
| Project File: | C:\Users\Jose G-CTR Medina\OneDrive - Federal Aviation Administration\Documents\01. Projects\DME EVALUATIONS\KMDW\June 2024 DME Screens\KMDW STAR FISSK SEVEN DME SCREENS 20240621.tgs |
| Output File: | C:\Users\Jose G-CTR Medina\OneDrive - Federal Aviation Administration\Documents\01. Projects\DME EVALUATIONS\KMDW\June 2024 DME Screens\KMDW FISSK SEVEN STAR DME SCREENS\KMDW FISSK7 20240621_1149 CDT\HALIE_OLCYK\KMDW FISSK7 RNAV STAR HALIE OLCYK 20240621_1149 CDT.pdf |
| Procedure Name: | FISSK7 |
| Software: DmeDmePlugin: | 7.3.2 |
| Date/Time: | 06/21/2024 11:49 CDT |
| Databases: | DTED LEVEL 0 MAX |

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 |
|-------|------|--|---------------|-----------|--------------------|-----------|----------|
| HALIE | WP | N41° 30' 57.8500", W087° 09' 31.9500" | 3400 | VNAV | 200 | FLY_BY | TF |
| OLCYK | WP | N41° 32' 24.6900", W087° 36' 16.0600" | 3400 | VNAV | 200 | FLY_OVER | TF |

Flyability

| | |
|------------------------|---------------------------------|
| Flight Type: | RNAV_STAR |
| Selected Airport: | KMDW |
| 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 FISSK7 path HALIE_OLCYK

| DME/DME | |
|-----------------------------------|----------------------|
| RNP: | RNP 2 |
| Flight Mode: | Manual |
| Line of Sight (DTED Level 0 Max): | Evaluated |
| Inertial Drift: | Enabled |
| Initial Drift: | 0.558 NM |
| INS Drift Rate: | 8.0 NM/Hour |
| Range Mode: | OSV |
| RNP Edges: | Evaluated |
| Min DME Range: | 3.0 NM |
| DME Types: | DME, VOR-DME, VORTAC |
| DME Include Angles: | 30 to 150 |
| Critical DMEs: | Allowed |
| DoD Facilities: | Not included |
| Foreign Facilities: | Not included |
| High DMEs: | Included |
| Low DMEs: | Included |
| Terminal DMEs: | Included |
| Flight Check DMEs: | Not selected |
| Higher Altitudes: | Not Evaluated |
| Near Maximum Altitude: | Not Evaluated |
| Automatic ESVs: | Not enabled |
| Disabled DMEs: | None |

| DME/DME (Continued) | | | | | | | | | | |
|---------------------|------|--|--------|-------|------|--------|----------|---------|------|----------|
| DMEs Used | | | | | | | | | | |
| # | Name | Lat/Lon | MAGVAR | Range | Type | Source | Critical | Status | Time | Distance |
| 1 | OBK | N42° 13' 16.9555", W087° 57' 06.0134" | 2.0 W | 130 | DH | IFPA | NO | Enabled | | |
| 2 | JOT | N41° 32' 47.1067", W088° 19' 06.2780" | 2.0 E | 130 | H | IFPA | NO | Enabled | | |
| 3 | IKK | N41° 04' 27.7626", W087° 51' 00.5883" | 0.0 E | 40 | L | IFPA | NO | Enabled | | |
| 4 | CGT | N41° 30' 36.0237", W087° 34' 17.5660" | 2.0 E | 40 | L | IFPA | NO | Enabled | | |
| 5 | EON | N41° 16' 10.6765", W087° 47' 27.7925" | 2.0 E | 40 | L | IFPA | NO | Enabled | | |
| 6 | GCO | N41° 59' 38.7200", W087° 54' 08.3800" | 0.0 E | 40 | L | IFPA | NO | Enabled | | |
| 7 | OXI | N41° 19' 19.4116", W086° 38' 57.4387" | 0.0 E | 130 | DH | IFPA | NO | Enabled | | |

| Flight Check DME Selection | | | | | | |
|----------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Distance [NM] | Selected DMEs | | | | | Alternate |
| 0.0 | EON [IFPA] | OXI [IFPA] | | | | |
| 2.1 | IKK [IFPA] | OBK [IFPA] | EON [IFPA] | OXI [IFPA] | CGT [IFPA] | |
| 6.2 | IKK [IFPA] | OXI [IFPA] | EON [IFPA] | CGT [IFPA] | | |
| 6.2 | EON [IFPA] | OBK [IFPA] | IKK [IFPA] | GCO [IFPA] | OXI [IFPA] | CGT [IFPA] |
| 7.0 | EON [IFPA] | OBK [IFPA] | IKK [IFPA] | OXI [IFPA] | CGT [IFPA] | |
| 14.8 | IKK [IFPA] | OXI [IFPA] | EON [IFPA] | GCO [IFPA] | OBK [IFPA] | JOT [IFPA] |

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

DME DME Assessment Results for FISSK7 path HALIE_OLCYK

Available DMEs by Waypoints

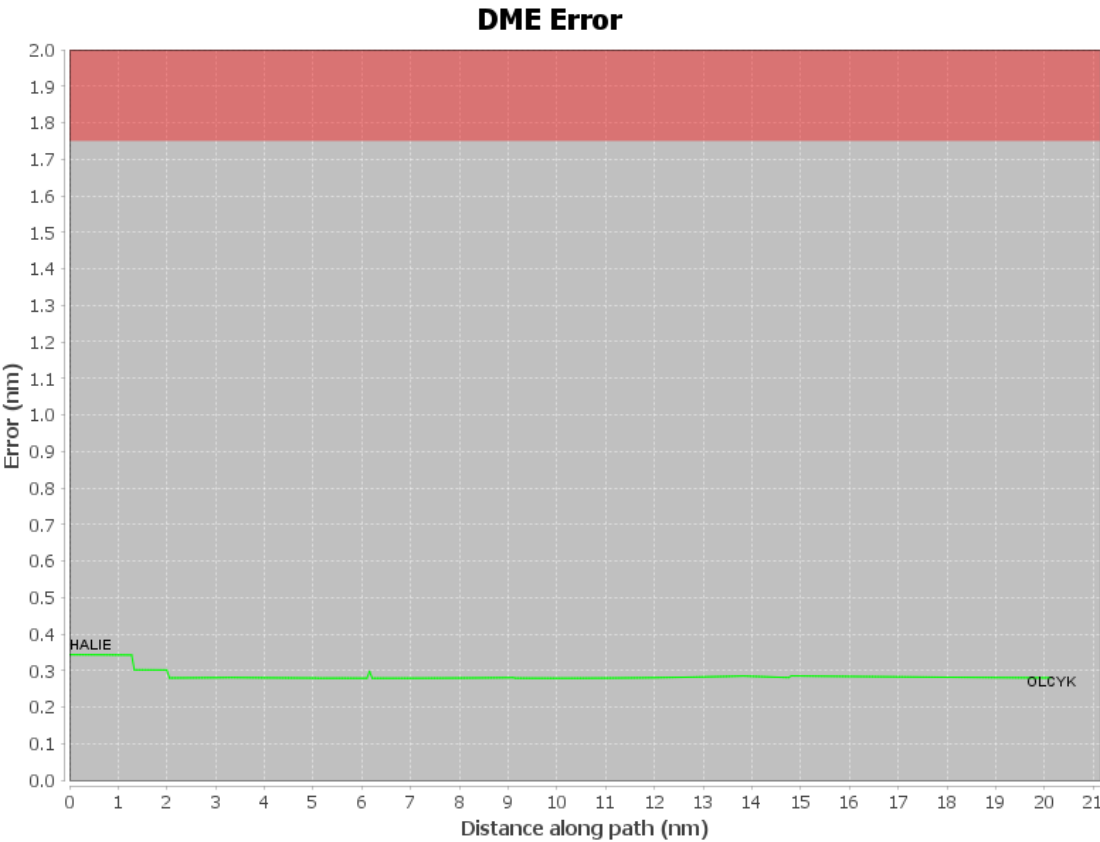
| Waypoint Before | Waypoint After | DME List | Suggested DMEs |
|-----------------|----------------|--|----------------|
| HALIE | OLCYK | OBK [IFPA], JOT [IFPA], IKK [IFPA], CGT [IFPA], EON [IFPA], GCO [IFPA], OXI [IFPA] | |

User Data Files

| # | File Name |
|---|--|
| 1 | UserDMEsKMDW [IFPA] FISSK5 RNAV STAR_20220308_1451 CST.udt |

User DMEs

| # | Name | Lat/Lon | MAGVAR | Range | Elevation [ft] | Frequency | Replaces | Status |
|------|------------------------------------|---|--------|-------|----------------|--|----------------------|--------|
| 1 | BVT FAA 900606 - 021 BVT [IFPA] | N40° 33' 22.2178", W087° 04' 09.7481" | 1.0 E | 130 | 752.2 | 115.1 | BVT FAA 900606 - 021 | |
| ESV: | | Bearing [True]: 360.0° to 93.0° Bearing [Mag]: 359.0° to 92.0° | | | | Arc Distance: Out to 53.0 NM Altitude: 3400.0 to 16000.0 ft | | |
| 2 | VHP FAA 698209 - 066 VHP [IFPA] | N39° 48' 53.0246", W086° 22' 02.9992" | 1.0 E | 130 | 871.5 | 116.3 | VHP FAA 698209 - 066 | |
| ESV: | | Bearing [True]: 12.0° to 25.0° Bearing [Mag]: 11.0° to 24.0° | | | | Arc Distance: Out to 47.0 NM Altitude: 3300.0 to 20000.0 ft | | |
| 3 | FWA FAA 698241 - 036 FWA [IFPA] | N40° 58' 44.6315", W085° 11' 17.0092" | 6.0 W | 130 | 792.6 | 117.8 | FWA FAA 698241 - 036 | |
| ESV: | | Bearing [True]: 231.0° to 263.0° Bearing [Mag]: 237.0° to 269.0° | | | | Arc Distance: Out to 52.0 NM Altitude: 3300.0 to 16000.0 ft | | |
| 4 | IKK FAA 942623 - 001 IKK [IFPA] | N41° 04' 27.7626", W087° 51' 00.5883" | 0.0 E | 40 | 617.9 | 111.6 | IKK FAA 942623 - 001 | |
| ESV: | | Bearing [True]: 60.0° to 67.0° Bearing [Mag]: 60.0° to 67.0° | | | | Arc Distance: Out to 50.0 NM Altitude: 2900.0 to 18700.0 ft | | |
| 5 | BVT FAA 900606-18 BVT [IFPA] | N40° 33' 22.2178", W087° 04' 09.7481" | 1.0 E | 130 | 752.2 | 115.1 | BVT FAA 900606-18 | |
| ESV: | | Bearing [True]: 1.0° to 11.0° Bearing [Mag]: 0.0° to 10.0° | | | | Arc Distance: Out to 55.0 NM Altitude: 2900.0 to 15300.0 ft | | |



DME DME Assessment Results for FISSK7 path HALIE_TINLY

Results Summary

| | |
|----------------------------|---|
| Flyability: | Completed |
| DME/DME: | Completed - No Critical DMEs |
| Name: | Jose G-CTR Medina |
| Project File: | C:\Users\Jose G-CTR Medina\OneDrive - Federal Aviation Administration\Documents\01. Projects\DME EVALUATIONS\KMDW\June 2024 DME Screens\KMDW STAR FISSK SEVEN DME SCREENS 20240621.tgs |
| Output File: | C:\Users\Jose G-CTR Medina\OneDrive - Federal Aviation Administration\Documents\01. Projects\DME EVALUATIONS\KMDW\June 2024 DME Screens\KMDW FISSK SEVEN STAR DME SCREENS\KMDW FISSK7 20240621_1149 CDT\HALIE_TINLY\KMDW FISSK7 RNAV STAR HALIE TINLY 20240621_1149 CDT.pdf |
| Procedure Name: | FISSK7 |
| Software: DmeDmePlugin: | 7.3.2 |
| Date/Time: | 06/21/2024 11:49 CDT |
| Databases: | DTED LEVEL 0 MAX |

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 |
|-------|------|--|---------------|-----------|--------------------|-----------|----------|
| HALIE | WP | N41° 30' 57.8500", W087° 09' 31.9500" | 3400 | VNAV | 200 | FLY_BY | TF |
| TINLY | WP | N41° 33' 19.0800", W087° 50' 57.5600" | 3400 | VNAV | 200 | FLY_OVER | TF |

Flyability

| | |
|------------------------|---------------------------------|
| Flight Type: | RNAV_STAR |
| Selected Airport: | KMDW |
| 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 FISSK7 path HALIE_TINLY

| DME/DME | |
|-----------------------------------|----------------------|
| RNP: | RNP 2 |
| Flight Mode: | Manual |
| Line of Sight (DTED Level 0 Max): | Evaluated |
| Inertial Drift: | Enabled |
| Initial Drift: | 0.558 NM |
| INS Drift Rate: | 8.0 NM/Hour |
| Range Mode: | OSV |
| RNP Edges: | Evaluated |
| Min DME Range: | 3.0 NM |
| DME Types: | DME, VOR-DME, VORTAC |
| DME Include Angles: | 30 to 150 |
| Critical DMEs: | Allowed |
| DoD Facilities: | Not included |
| Foreign Facilities: | Not included |
| High DMEs: | Included |
| Low DMEs: | Included |
| Terminal DMEs: | Included |
| Flight Check DMEs: | Not selected |
| Higher Altitudes: | Not Evaluated |
| Near Maximum Altitude: | Not Evaluated |
| Automatic ESVs: | Not enabled |
| Disabled DMEs: | None |

| DME/DME (Continued) | | | | | | | | | | |
|---------------------|------|--|--------|-------|------|--------|----------|---------|------|----------|
| DMEs Used | | | | | | | | | | |
| # | Name | Lat/Lon | MAGVAR | Range | Type | Source | Critical | Status | Time | Distance |
| 1 | OBK | N42° 13' 16.9555", W087° 57' 06.0134" | 2.0 W | 130 | DH | IFPA | NO | Enabled | | |
| 2 | JOT | N41° 32' 47.1067", W088° 19' 06.2780" | 2.0 E | 130 | H | IFPA | NO | Enabled | | |
| 3 | IKK | N41° 04' 27.7626", W087° 51' 00.5883" | 0.0 E | 40 | L | IFPA | NO | Enabled | | |
| 4 | CGT | N41° 30' 36.0237", W087° 34' 17.5660" | 2.0 E | 40 | L | IFPA | NO | Enabled | | |
| 5 | DPA | N41° 53' 25.3373", W088° 21' 00.6389" | 2.0 E | 40 | L | IFPA | NO | Enabled | | |
| 6 | EON | N41° 16' 10.6765", W087° 47' 27.7925" | 2.0 E | 40 | L | IFPA | NO | Enabled | | |
| 7 | GCO | N41° 59' 38.7200", W087° 54' 08.3800" | 0.0 E | 40 | L | IFPA | NO | Enabled | | |
| 8 | OXI | N41° 19' 19.4116", W086° 38' 57.4387" | 0.0 E | 130 | DH | IFPA | NO | Enabled | | |

| Flight Check DME Selection | | | | | | |
|----------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Distance [NM] | Selected DMEs | | | | | Alternate |
| 0.0 | EON [IFPA] | OXI [IFPA] | | | | |
| 2.1 | IKK [IFPA] | OBK [IFPA] | EON [IFPA] | OXI [IFPA] | CGT [IFPA] | |
| 14.9 | IKK [IFPA] | OXI [IFPA] | EON [IFPA] | GCO [IFPA] | OBK [IFPA] | JOT [IFPA] |
| 28.6 | JOT [IFPA] | EON [IFPA] | IKK [IFPA] | CGT [IFPA] | OBK [IFPA] | GCO [IFPA] |

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

DME DME Assessment Results for FISSK7 path HALIE_TINLY

Available DMEs by Waypoints

| Waypoint Before | Waypoint After | DME List | Suggested DMEs |
|-----------------|----------------|--|----------------|
| HALIE | TINLY | OBK [IFPA], JOT [IFPA], IKK [IFPA], CGT [IFPA], DPA [IFPA], EON [IFPA], GCO [IFPA], OXI [IFPA] | |

User Data Files

| # | File Name |
|---|--|
| 1 | UserDMEsKMDW [IFPA] FISSK5 RNAV STAR_20220308_1451 CST.udt |

User DMEs

| # | Name | Lat/Lon | MAGVAR | Range | Elevation [ft] | Frequency | Replaces | Status |
|------|------------------------------------|---|--------|-------|----------------|--|----------------------|--------|
| 1 | BVT FAA 900606 - 021 BVT [IFPA] | N40° 33' 22.2178", W087° 04' 09.7481" | 1.0 E | 130 | 752.2 | 115.1 | BVT FAA 900606 - 021 | |
| ESV: | | Bearing [True]: 360.0° to 93.0° Bearing [Mag]: 359.0° to 92.0° | | | | Arc Distance: Out to 53.0 NM Altitude: 3400.0 to 16000.0 ft | | |
| 2 | VHP FAA 698209 - 066 VHP [IFPA] | N39° 48' 53.0246", W086° 22' 02.9992" | 1.0 E | 130 | 871.5 | 116.3 | VHP FAA 698209 - 066 | |
| ESV: | | Bearing [True]: 12.0° to 25.0° Bearing [Mag]: 11.0° to 24.0° | | | | Arc Distance: Out to 47.0 NM Altitude: 3300.0 to 20000.0 ft | | |
| 3 | FWA FAA 698241 - 036 FWA [IFPA] | N40° 58' 44.6315", W085° 11' 17.0092" | 6.0 W | 130 | 792.6 | 117.8 | FWA FAA 698241 - 036 | |
| ESV: | | Bearing [True]: 231.0° to 263.0° Bearing [Mag]: 237.0° to 269.0° | | | | Arc Distance: Out to 52.0 NM Altitude: 3300.0 to 16000.0 ft | | |
| 4 | IKK FAA 942623 - 001 IKK [IFPA] | N41° 04' 27.7626", W087° 51' 00.5883" | 0.0 E | 40 | 617.9 | 111.6 | IKK FAA 942623 - 001 | |
| ESV: | | Bearing [True]: 60.0° to 67.0° Bearing [Mag]: 60.0° to 67.0° | | | | Arc Distance: Out to 50.0 NM Altitude: 2900.0 to 18700.0 ft | | |
| 5 | BVT FAA 900606-18 BVT [IFPA] | N40° 33' 22.2178", W087° 04' 09.7481" | 1.0 E | 130 | 752.2 | 115.1 | BVT FAA 900606-18 | |
| ESV: | | Bearing [True]: 1.0° to 11.0° Bearing [Mag]: 0.0° to 10.0° | | | | Arc Distance: Out to 55.0 NM Altitude: 2900.0 to 15300.0 ft | | |

DME DME Assessment Results for FISSK7 path HALIE_TINLY

