

## DME DME Assessment Results for JIBKA1 path IMSMS\_STL

### Results Summary

|                            |                                                                                                                                                  |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| Flyability:                | Completed                                                                                                                                        |
| DME/DME:                   | Completed - No Critical DMEs                                                                                                                     |
| Name:                      | Rylee Y-CTR Ward                                                                                                                                 |
| Project File:              | C:\Users\Rylee Y-CTR Ward\Desktop\KIND DME\KIND JIBKA1 (RNAV) SID_20261029.tgs                                                                   |
| Output File:               | C:\Users\Rylee Y-CTR Ward\Desktop\KIND DME\JIBKA1\KIND [IFPA] JIBKA1 20260218_1518 CST\IMSMS_STL\KIND JIBKA1 SID IMSMS STL 20260218_1518 CST.pdf |
| Procedure Name:            | JIBKA1                                                                                                                                           |
| Software:<br>DmeDmePlugin: | 7.6.0                                                                                                                                            |
| Date/Time:                 | 02/18/2026 15:18 CST                                                                                                                             |
| 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 |
|-------|------|------------------------------------------|---------------|-----------|--------------------|-----------|----------|
| IMSMS | WP   | N39° 37' 56.1001",<br>W086° 45' 40.1946" | 3000          | VNAV      | 200                | FLY_BY    | TF       |
| JIBKA | WP   | N39° 30' 08.9300",<br>W087° 16' 26.7400" | 5000          | VNAV      | 200                | FLY_BY    | TF       |
| ROCKY | WP   | N39° 35' 16.6200",<br>W088° 50' 00.7900" | 5000          | VNAV      | 200                | FLY_BY    | TF       |
| STL   | WP   | N38° 51' 38.6039",<br>W090° 28' 56.4560" | 10000         | VNAV      | 200                | FLY_BY    | TF       |

### Flyability

|                        |                                    |
|------------------------|------------------------------------|
| Flight Type:           | SID                                |
| Selected Airport:      | KIND [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 JIBKA1 path IMSMS\_STL

| 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, TACAN |
| DME Include Angles:               | 30 to 150                   |
| Critical DMEs:                    | Allowed                     |
| DoD Facilities:                   | 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                   | TTH  | N39° 29' 20.1835",<br>W087° 14' 56.4636" | 2.0 E  | 130   | H    |        | NO       | Enabled | 26.9 % | 26.9 %   |
| 2                   | MTO  | N39° 28' 40.4100",<br>W088° 17' 10.3500" | 0.0 E  | 40    | L    |        | NO       | Enabled | 38.6 % | 38.6 %   |
| 3                   | CSX  | N38° 45' 09.8799",<br>W090° 21' 39.4546" | 0.0 E  | 130   | DL   |        | NO       | Enabled | 42 %   | 42 %     |
| 4                   | VLA  | N39° 05' 37.5900",<br>W089° 09' 44.5200" | 0.0 E  | 40    | L    |        | NO       | Enabled | 36.5 % | 36.5 %   |
| 5                   | STL  | N38° 51' 38.6039",<br>W090° 28' 56.4560" | 1.0 E  | 130   | H    |        | NO       | Enabled | 19.8 % | 19.8 %   |
| 6                   | OOM  | N39° 08' 37.7585",<br>W086° 36' 46.8662" | 2.0 W  | 40    | L    |        | NO       | Enabled | 10.8 % | 10.8 %   |
| 7                   | SHB  | N39° 37' 57.1525",<br>W085° 49' 27.5388" | 1.0 E  | 130   | DH   |        | NO       | Enabled | 11.2 % | 11.2 %   |
| 8                   | AXC  | N39° 44' 15.0773",<br>W088° 51' 23.1534" | 3.0 E  | 130   | H    |        | NO       | Enabled | 47.3 % | 47.3 %   |
| 9                   | SPI  | N39° 50' 23.0394",<br>W089° 40' 39.8488" | 1.0 W  | 130   | H    |        | NO       | Enabled | 20.5 % | 20.5 %   |
| 10                  | FTZ  | N38° 41' 39.6013",<br>W090° 58' 16.5696" | 5.0 E  | 40    | L    |        | NO       | Enabled | 8.1 %  | 8.1 %    |
| 11                  | SAM  | N38° 29' 06.6770",<br>W088° 05' 08.9030" | 0.0 E  | 130   | DH   |        | NO       | Enabled | 56.4 % | 56.4 %   |
| 12                  | CMI  | N40° 02' 04.3125",<br>W088° 16' 33.8718" | 3.0 E  | 40    | L    |        | NO       | Enabled | 26.5 % | 26.5 %   |
| 13                  | VHP  | N39° 48' 53.0246",<br>W086° 22' 02.9992" | 1.0 E  | 130   | H    |        | NO       | Enabled | 10.8 % | 10.8 %   |
| 14                  | TOY  | N38° 44' 20.9386",<br>W089° 55' 06.9333" | 4.0 E  | 40    | L    |        | NO       | Enabled | 27.7 % | 27.8 %   |

# DME DME Assessment Results for JIBKA1 path IMSMS\_STL

| Flight Check DME Selection |               |     |     |     |     |           |
|----------------------------|---------------|-----|-----|-----|-----|-----------|
| Distance [NM]              | Selected DMEs |     |     |     |     | Alternate |
| 0.0                        | OOM           | TTH | SHB | VHP |     |           |
| 18.9                       | VHP           | OOM | SHB |     |     |           |
| 20.2                       |               |     |     |     |     |           |
| 20.7                       | SHB           | TTH |     |     |     |           |
| 21.4                       |               |     |     |     |     |           |
| 33.2                       | AXC           | SAM | TTH | MTO | VHP |           |
| 33.3                       | AXC           | SAM | TTH | MTO |     |           |
| 50.2                       | SAM           | TTH | MTO | CMI |     |           |
| 61.3                       | CMI           | MTO | SAM | TTH | AXC |           |
| 63.7                       | CMI           | MTO | SAM | AXC |     |           |
| 69.0                       | CMI           | AXC | SAM |     |     |           |
| 75.9                       | CMI           | AXC | SAM | MTO |     |           |
| 83.4                       | CMI           | MTO | AXC |     |     |           |
| 90.8                       | VLA           | AXC | CMI | MTO |     |           |
| 97.2                       | VLA           | MTO | AXC |     |     |           |
| 97.7                       | VLA           | MTO | AXC | CMI |     |           |
| 100.0                      | MTO           | AXC | VLA |     |     |           |
| 102.8                      | VLA           | SPI | MTO | AXC | SAM |           |
| 107.4                      | SPI           | AXC | VLA | MTO |     |           |
| 107.9                      | SPI           | AXC | VLA | MTO | CSX |           |
| 112.1                      | SPI           | AXC | CSX | VLA |     |           |
| 113.4                      | SPI           | AXC | CSX | SAM | VLA |           |
| 132.3                      | VLA           | CSX | SPI | SAM |     |           |
| 134.4                      | TOY           | VLA | CSX | SAM | SPI |           |
| 141.0                      | TOY           | VLA | SAM | CSX |     |           |
| 146.1                      | TOY           | VLA | SAM | CSX | STL |           |
| 158.7                      | STL           | TOY | SAM | CSX |     |           |
| 162.5                      | STL           | TOY | CSX |     |     |           |
| 170.9                      | STL           | TOY | FTZ | CSX | SAM |           |
| 172.1                      | STL           | TOY | FTZ | CSX |     |           |
| 183.0                      | FTZ           | CSX | TOY |     |     |           |

| Inertial Drift Segments |                                       |                                       |             |
|-------------------------|---------------------------------------|---------------------------------------|-------------|
| #                       | Start Location                        | End Location                          | Length [NM] |
| 1                       | N39° 31' 40.7254", W087° 10' 26.9795" | N39° 31' 31.3514", W087° 11' 03.7853" | 0.4997      |
| 2                       | N39° 31' 16.7633", W087° 12' 01.0332" | N39° 30' 47.2933", W087° 26' 57.4508" | 11.76       |

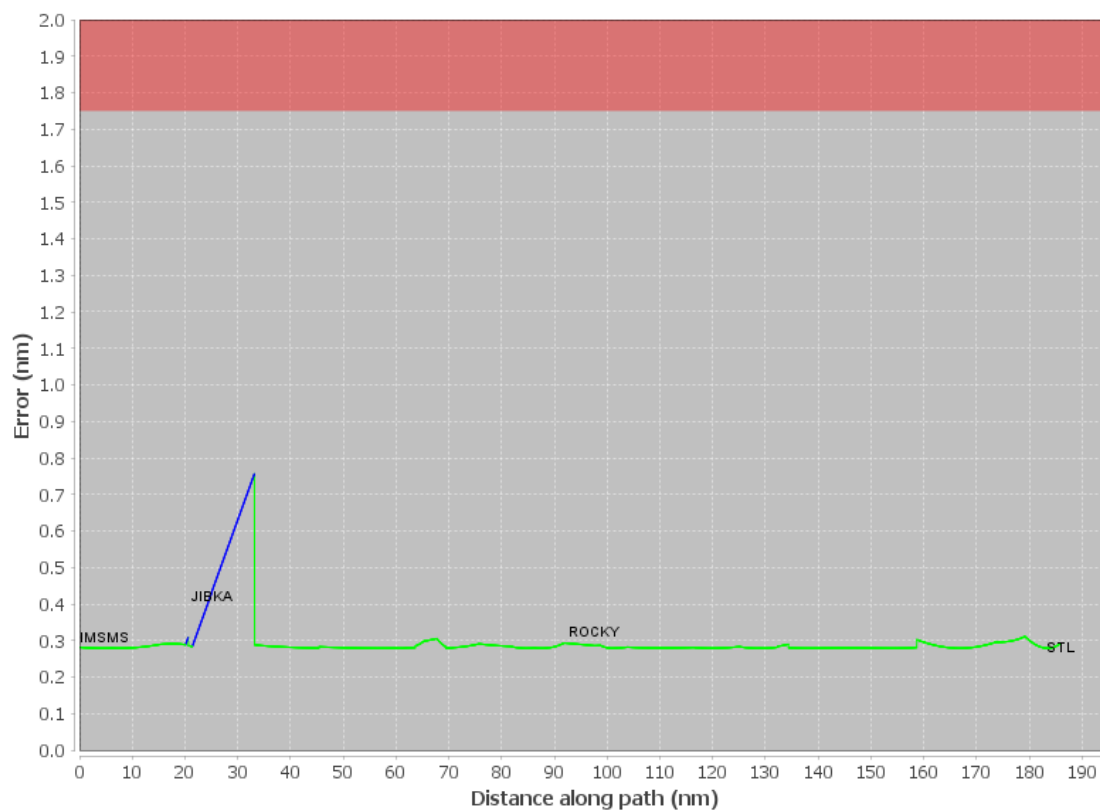
| Available DMEs by Waypoints |                |                                                  |                |
|-----------------------------|----------------|--------------------------------------------------|----------------|
| Waypoint Before             | Waypoint After | DME List                                         | Suggested DMEs |
| IMSMS                       | JIBKA          | TTH, OOM, SHB, VHP                               |                |
| JIBKA                       | ROCKY          | MTO, TTH, VLA, AXC, SAM, CMI, VHP                |                |
| ROCKY                       | STL            | MTO, CSX, VLA, STL, AXC, SPI, FTZ, CMI, SAM, TOY |                |

# DME DME Assessment Results for JIBKA1 path IMSMS\_STL

| User Data Files |                          |                                                                     |        |       |                |                                                                |                   |        |
|-----------------|--------------------------|---------------------------------------------------------------------|--------|-------|----------------|----------------------------------------------------------------|-------------------|--------|
| #               | File Name                |                                                                     |        |       |                |                                                                |                   |        |
| None            |                          |                                                                     |        |       |                |                                                                |                   |        |
| User DMEs       |                          |                                                                     |        |       |                |                                                                |                   |        |
| #               | Name                     | Lat/Lon                                                             | MAGVAR | Range | Elevation [ft] | Frequency                                                      | Replaces          | Status |
| 1               | AXC FAA 774674-14<br>AXC | N39° 44' 15.0773",<br>W088° 51' 23.1534"                            | 3.0 E  | 130   | 707.5          | 117.2                                                          | AXC FAA 774674-14 |        |
| ESV:            |                          | Bearing [True]: 95.0° to 125.0°<br>Bearing [Mag]: 92.0° to 122.0°   |        |       |                | Arc Distance: Out to 81.0 NM<br>Altitude: 5000.0 to 15300.0 ft |                   |        |
| 2               | VHP FAA 698209-52<br>VHP | N39° 48' 53.0246",<br>W086° 22' 02.9992"                            | 1.0 E  | 130   | 871.5          | 116.3                                                          | VHP FAA 698209-52 |        |
| ESV:            |                          | Bearing [True]: 205.0° to 285.0°<br>Bearing [Mag]: 204.0° to 284.0° |        |       |                | Arc Distance: Out to 55.0 NM<br>Altitude: 4000.0 to 15400.0 ft |                   |        |

## DME DME Assessment Results for JIBKA1 path IMSMS\_STL

### DME Error



## DME DME Assessment Results for JIBKA1 path ROCKY\_USIRE

### Results Summary

|                            |                                                                                                                                                      |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| Flyability:                | Completed                                                                                                                                            |
| DME/DME:                   | Completed - No Critical DMEs                                                                                                                         |
| Name:                      | Rylee Y-CTR Ward                                                                                                                                     |
| Project File:              | C:\Users\Rylee Y-CTR Ward\Desktop\KIND DME\KIND JIBKA1 (RNAV) SID_20261029.tgs                                                                       |
| Output File:               | C:\Users\Rylee Y-CTR Ward\Desktop\KIND DME\JIBKA1\KIND [IFPA] JIBKA1 20260218_1518 CST\ROCKY_USIRE\KIND JIBKA1 SID ROCKY USIRE 20260218_1518 CST.pdf |
| Procedure Name:            | JIBKA1                                                                                                                                               |
| Software:<br>DmeDmePlugin: | 7.6.0                                                                                                                                                |
| Date/Time:                 | 02/18/2026 15:18 CST                                                                                                                                 |
| 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 |
|-------|------|------------------------------------------|---------------|-----------|--------------------|-----------|----------|
| ROCKY | WP   | N39° 35' 16.6200",<br>W088° 50' 00.7900" | 5000          | VNAV      | 200                | FLY_BY    | TF       |
| USIRE | WP   | N39° 50' 23.0400",<br>W089° 40' 39.0600" | 7000          | VNAV      | 200                | FLY_BY    | TF       |

### Flyability

|                        |                                    |
|------------------------|------------------------------------|
| Flight Type:           | SID                                |
| Selected Airport:      | KIND [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 JIBKA1 path ROCKY\_USIRE

| 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, TACAN |
| DME Include Angles:               | 30 to 150                   |
| Critical DMEs:                    | Allowed                     |
| DoD Facilities:                   | 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                   | MTO  | N39° 28' 40.4100",<br>W088° 17' 10.3500" | 0.0 E  | 40    | L    |        | NO       | Enabled | 31.9 % | 31.9 %   |
| 2                   | CSX  | N38° 45' 09.8799",<br>W090° 21' 39.4546" | 0.0 E  | 130   | DL   |        | NO       | Enabled | 49.3 % | 49.3 %   |
| 3                   | VLA  | N39° 05' 37.5900",<br>W089° 09' 44.5200" | 0.0 E  | 40    | L    |        | NO       | Enabled | 43.4 % | 43.4 %   |
| 4                   | AXC  | N39° 44' 15.0773",<br>W088° 51' 23.1534" | 3.0 E  | 130   | H    |        | NO       | Enabled | 92.7 % | 92.7 %   |
| 5                   | SPI  | N39° 50' 23.0394",<br>W089° 40' 39.8488" | 1.0 W  | 130   | H    |        | NO       | Enabled | 80.5 % | 80.5 %   |

| Flight Check DME Selection |               |     |     |     |  |           |
|----------------------------|---------------|-----|-----|-----|--|-----------|
| Distance [NM]              | Selected DMEs |     |     |     |  | Alternate |
| 0.0                        | VLA           | MTO | AXC |     |  |           |
| 2.1                        | VLA           | SPI | MTO | AXC |  |           |
| 13.4                       | VLA           | SPI | AXC |     |  |           |
| 18.3                       |               |     |     |     |  |           |
| 21.3                       | SPI           | CSX | AXC |     |  |           |
| 38.9                       | CSX           | AXC |     |     |  |           |

| Inertial Drift Segments |                                       |                                       |             |
|-------------------------|---------------------------------------|---------------------------------------|-------------|
| #                       | Start Location                        | End Location                          | Length [NM] |
| 1                       | N39° 41' 54.3220", W089° 12' 02.0349" | N39° 42' 59.1981", W089° 15' 39.2972" | 2.9961      |

| Available DMEs by Waypoints |                |                         |                |
|-----------------------------|----------------|-------------------------|----------------|
| Waypoint Before             | Waypoint After | DME List                | Suggested DMEs |
| ROCKY                       | USIRE          | MTO, CSX, VLA, AXC, SPI |                |

# DME DME Assessment Results for JIBKA1 path ROCKY\_USIRE

| User Data Files |                          |                                                                     |        |       |                |                                                                |                   |        |
|-----------------|--------------------------|---------------------------------------------------------------------|--------|-------|----------------|----------------------------------------------------------------|-------------------|--------|
| #               | File Name                |                                                                     |        |       |                |                                                                |                   |        |
| None            |                          |                                                                     |        |       |                |                                                                |                   |        |
| User DMEs       |                          |                                                                     |        |       |                |                                                                |                   |        |
| #               | Name                     | Lat/Lon                                                             | MAGVAR | Range | Elevation [ft] | Frequency                                                      | Replaces          | Status |
| 1               | AXC FAA 774674-14<br>AXC | N39° 44' 15.0773",<br>W088° 51' 23.1534"                            | 3.0 E  | 130   | 707.5          | 117.2                                                          | AXC FAA 774674-14 |        |
| ESV:            |                          | Bearing [True]: 95.0° to 125.0°<br>Bearing [Mag]: 92.0° to 122.0°   |        |       |                | Arc Distance: Out to 81.0 NM<br>Altitude: 5000.0 to 15300.0 ft |                   |        |
| 2               | VHP FAA 698209-52<br>VHP | N39° 48' 53.0246",<br>W086° 22' 02.9992"                            | 1.0 E  | 130   | 871.5          | 116.3                                                          | VHP FAA 698209-52 |        |
| ESV:            |                          | Bearing [True]: 205.0° to 285.0°<br>Bearing [Mag]: 204.0° to 284.0° |        |       |                | Arc Distance: Out to 55.0 NM<br>Altitude: 4000.0 to 15400.0 ft |                   |        |

