

DME DME Assessment Results for WELLY4 path KPBI:RW10L:DER_SMGLR_

| Results Summary | |
|----------------------------|---|
| Flyability: | Completed |
| DME/DME: | Completed - No Critical DMEs |
| Name: | Breanne M-CTR Sparac |
| Project File: | C:\Users\Breanne M-CTR Sparac\OneDrive - Federal Aviation Administration\Documents\RNAV PROJECTS\KPBI\WELLY4 (RNAV) SID\DME\KPBI WELLY4 (RNAV) SID v2 8 OCT 2025 DME.tgs |
| Output File: | C:\Users\Breanne M-CTR Sparac\OneDrive - Federal Aviation Administration\Documents\RNAV PROJECTS\KPBI\WELLY4 (RNAV) SID\DME\KPBI [IFPA] WELLY4 20251009_0901 EDT\KPBI-RW10L-DER_SMGLR_KPBI WELLY4 SID RW10L SMGLR_20251009_0901 EDT.pdf |
| Procedure Name: | WELLY4 |
| Software: DmeDmePlugin: | 7.5.1 |
| Date/Time: | 10/09/2025 09:01 EDT |
| 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 |
| KPBI:RW10L:DER | WP | N26° 40' 54.74", W080° 04' 40.01" | 16.4 | VNAV | 130 | FLY_BY | TF |
| SMGLR_ | WP | N26° 43' 03.25", W079° 58' 32.81" | 1517.1 | VNAV | 200 | FLY_BY | TF |
| Climb Gradient: 500.0 ft/NM up to 520.0 ft MSL | | | | | | | |

| Flyability | |
|------------------------|------------------------------------|
| Flight Type: | SID |
| Selected Airport: | KPBI [IFPA] |
| Climb Gradient: | 500.0 ft/NM up to 520.0 ft MSL |
| 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 WELLY4 path KPBI:RW10L:DER_SMGLR_

| 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 |
|---|------|---------|--------|-------|------|--------|----------|--------|------|----------|
|---|------|---------|--------|-------|------|--------|----------|--------|------|----------|

Flight Check DME Selection

| Distance [NM] | Selected DMEs | Alternate |
|---------------|---------------|-----------|
| 0.0 | | |

Inertial Drift Segments

| # | Start Location | End Location | Length [NM] |
|---|-----------------------------------|-----------------------------------|-------------|
| 1 | N26° 40' 54.64", W080° 04' 37.61" | N26° 43' 03.25", W079° 58' 32.81" | 5.9543 |

Available DMEs by Waypoints

| Waypoint Before | Waypoint After | DME List | Suggested DMEs |
|-----------------|----------------|----------|----------------|
| KPBI:RW10L:DER | SMGLR_ | | |

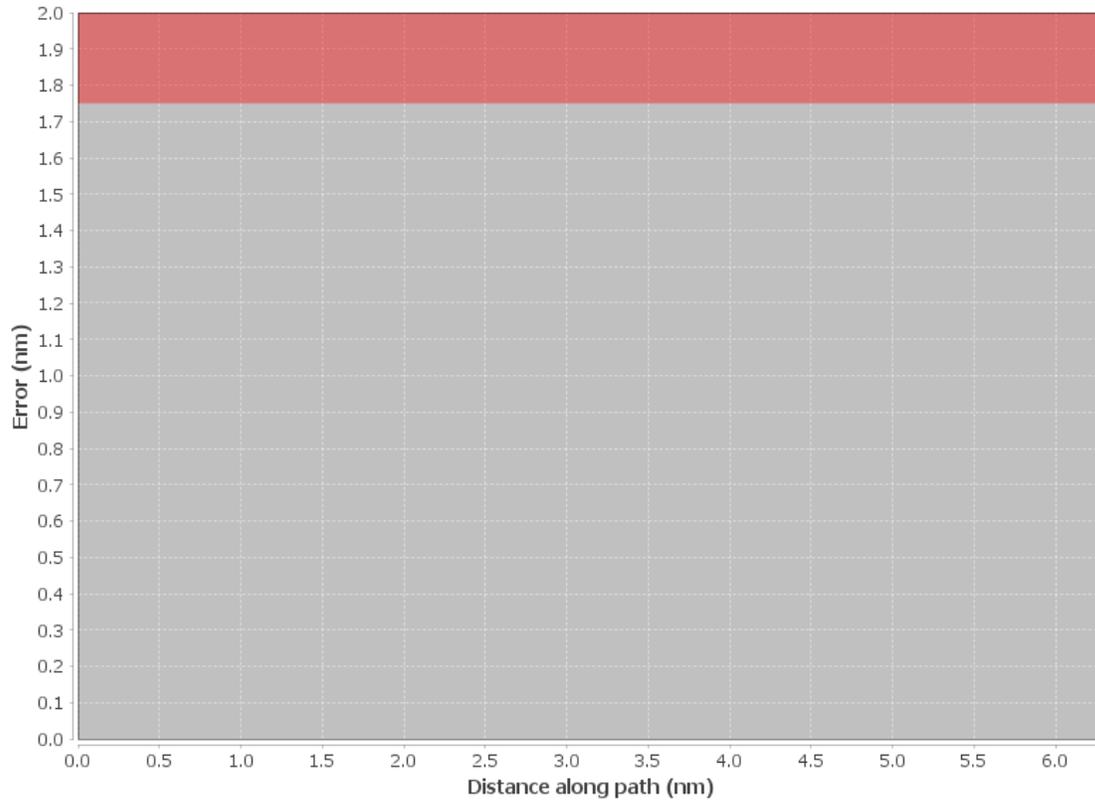
User Data Files

| # | File Name |
|---|-----------|
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User DMEs

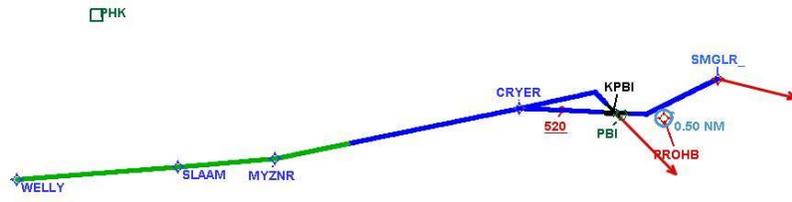
| # | Name | Lat/Lon | MAGVAR | Range | Elevation [ft] | Frequency | Replaces | Status |
|---|------|---------|--------|-------|----------------|-----------|----------|--------|
| | | | | | | | | None |

DME Error



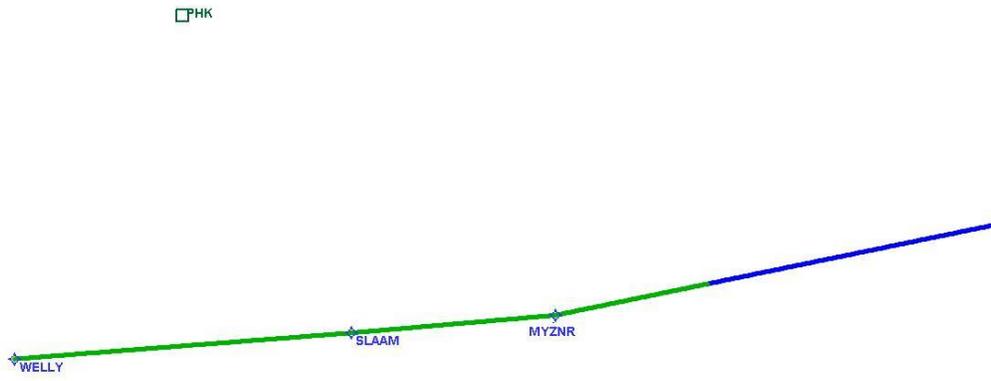
DME DME Assessment Results for WELLY4 path KPBI:RW10L:DER_SMGLR_

Graphic Depiction 1



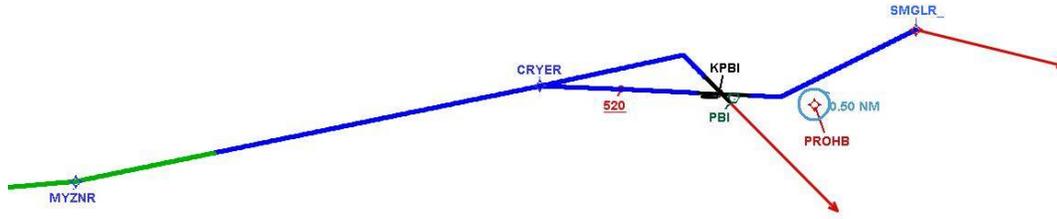
DME DME Assessment Results for WELLY4 path KPBI:RW10L:DER_SMGLR_

Graphic Depiction 2



DME DME Assessment Results for WELLY4 path KPBI:RW10L:DER_SMGLR_

Graphic Depiction 3



DME DME Assessment Results for WELLY4 path KPBI:RW28R:DER_CRYER

Results Summary

| | |
|----------------------------|---|
| Flyability: | Completed |
| DME/DME: | Completed - No Critical DMEs |
| Name: | Breanne M-CTR Sparac |
| Project File: | C:\Users\Breanne M-CTR Sparac\OneDrive - Federal Aviation Administration\Documents\RNAV PROJECTS\KPBI\WELLY4 (RNAV) SID\DME\KPBI WELLY4 (RNAV) SID v2 8 OCT 2025 DME.tgs |
| Output File: | C:\Users\Breanne M-CTR Sparac\OneDrive - Federal Aviation Administration\Documents\RNAV PROJECTS\KPBI\WELLY4 (RNAV) SID\DME\KPBI [IFPA] WELLY4 20251009_0901 EDT\KPBI-RW28R-DER_CRYER\KPBI WELLY4 SID RW28R CRYER 20251009_0901 EDT.pdf |
| Procedure Name: | WELLY4 |
| Software: DmeDmePlugin: | 7.5.1 |
| Date/Time: | 10/09/2025 09:01 EDT |
| 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 |
|----------------|------|--------------------------------------|---------------|-----------|--------------------|-----------|----------|
| KPBI:RW28R:DER | WP | N26° 40' 59.55", W080° 06' 30.13" | 19.6 | VNAV | 130 | FLY_OVER | TF |
| CRYER | WP | N26° 41' 12.90", W080° 12' 15.10" | 1050.5 | VNAV | 200 | FLY_BY | TF |

Climb Gradient:

Flyability

| | |
|------------------------|------------------------------------|
| Flight Type: | SID |
| Selected Airport: | KPBI [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 WELLY4 path KPBI:RW28R:DER_CRYER

| 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 |
|---|------|---------|--------|-------|------|--------|----------|--------|------|----------|
| | | | | | | | | | | |

Flight Check DME Selection

| Distance [NM] | Selected DMEs | Alternate |
|---------------|---------------|-----------|
| 0.0 | | |

Inertial Drift Segments

| # | Start Location | End Location | Length [NM] |
|---|-----------------------------------|-----------------------------------|-------------|
| 1 | N26° 40' 59.65", W080° 06' 32.52" | N26° 41' 12.90", W080° 12' 15.10" | 5.1131 |

Available DMEs by Waypoints

| Waypoint Before | Waypoint After | DME List | Suggested DMEs |
|-----------------|----------------|----------|----------------|
| KPBI:RW28R:DER | CRYER | | |

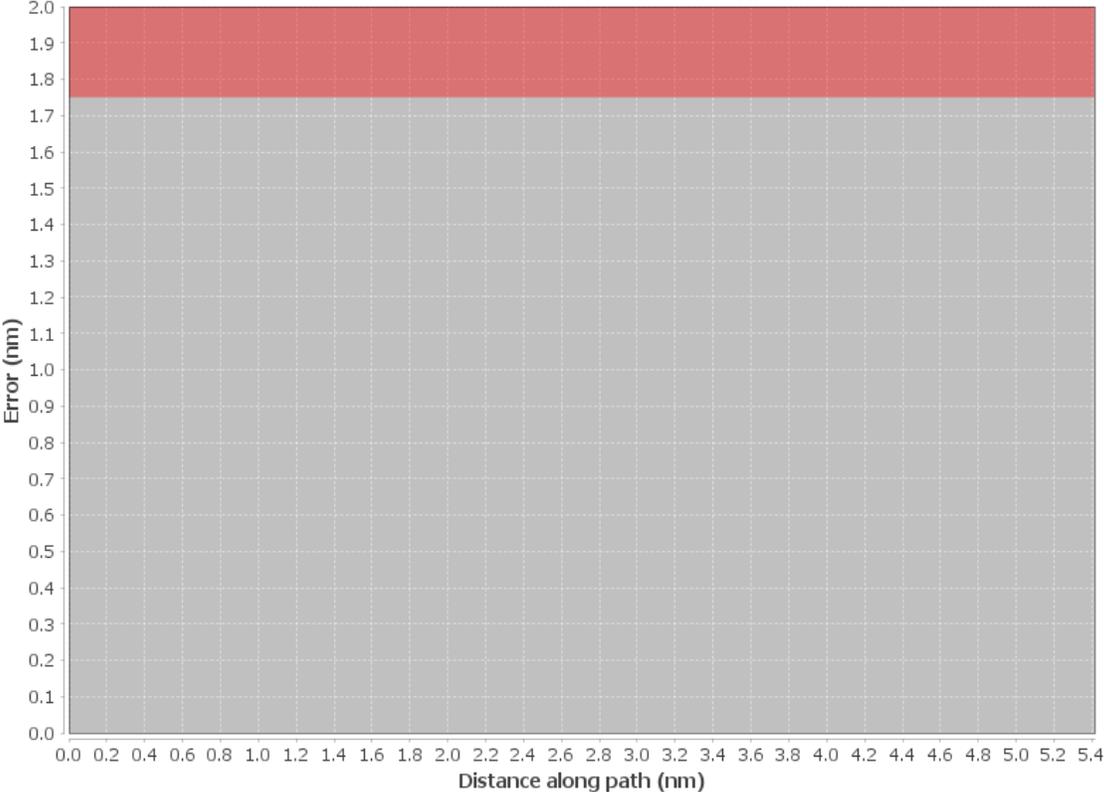
User Data Files

| # | File Name |
|---|-----------|
| | None |

User DMEs

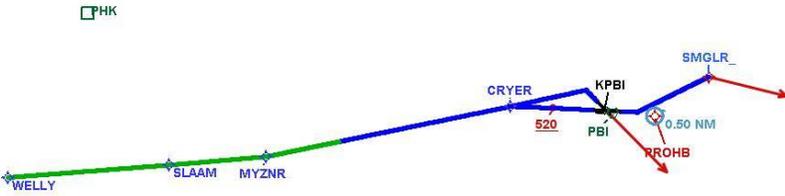
| # | Name | Lat/Lon | MAGVAR | Range | Elevation [ft] | Frequency | Replaces | Status |
|---|------|---------|--------|-------|----------------|-----------|----------|--------|
| | | | | | | | | |

DME Error



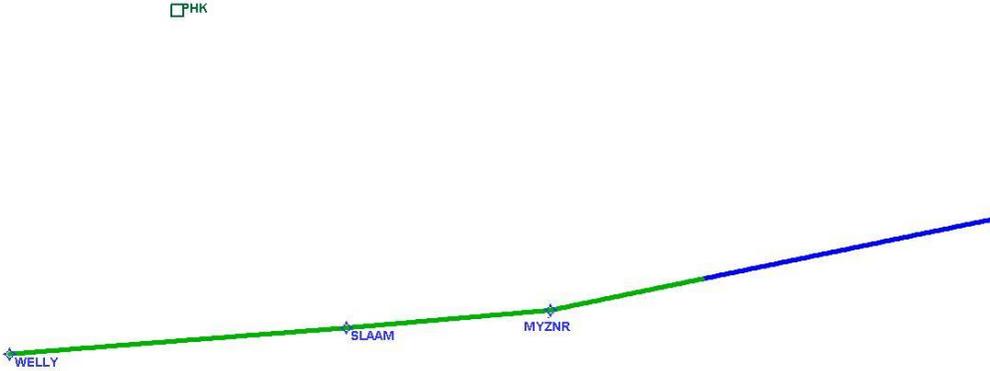
DME DME Assessment Results for WELLY4 path KPBI:RW28R:DER_CRYER

Graphic Depiction 1



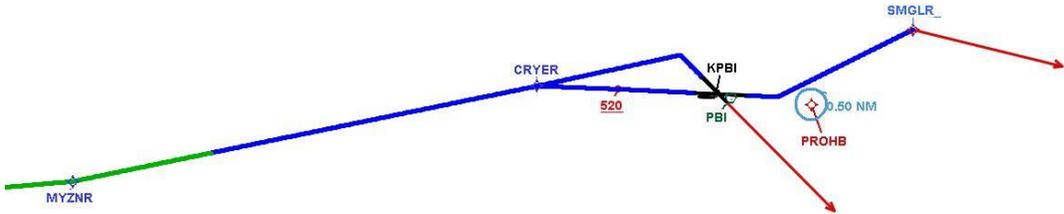
DME DME Assessment Results for WELLY4 path KPBI:RW28R:DER_CRYER

Graphic Depiction 2



DME DME Assessment Results for WELLY4 path KPBI:RW28R:DER_CRYER

Graphic Depiction 3



DME DME Assessment Results for WELLY4 path KPBI:RW32:DER_WELLY

Results Summary

| | |
|----------------------------|---|
| Flyability: | Completed |
| DME/DME: | Completed - No Critical DMEs |
| Name: | Breanne M-CTR Sparac |
| Project File: | C:\Users\Breanne M-CTR Sparac\OneDrive - Federal Aviation Administration\Documents\RNAV PROJECTS\KPBI\WELLY4 (RNAV) SID\DME\KPBI WELLY4 (RNAV) SID v2 8 OCT 2025 DME.tgs |
| Output File: | C:\Users\Breanne M-CTR Sparac\OneDrive - Federal Aviation Administration\Documents\RNAV PROJECTS\KPBI\WELLY4 (RNAV) SID\DME\KPBI [IFPA] WELLY4 20251009_0901 EDT\KPBI-RW32-DER_WELLY\KPBI WELLY4 SID RW32 WELLY 20251009_0901 EDT.pdf |
| Procedure Name: | WELLY4 |
| Software: DmeDmePlugin: | 7.5.1 |
| Date/Time: | 10/09/2025 09:01 EDT |
| 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 |
|---------------|------|--------------------------------------|---------------|-----------|--------------------|-----------|----------|
| KPBI:RW32:DER | WP | N26° 41' 30.60", W080° 06' 14.48" | 17 | VNAV | 130 | FLY_BY | TF |
| CRYER | WP | N26° 41' 12.90", W080° 12' 15.10" | 1050.5 | VNAV | 200 | FLY_BY | TF |
| MYZNR | WP | N26° 38' 06.61", W080° 29' 09.44" | 4142.3 | VNAV | 200 | FLY_BY | TF |
| SLAAM | WP | N26° 37' 35.14", W080° 35' 55.77" | 5360.5 | VNAV | 200 | FLY_BY | TF |
| WELLY | WP | N26° 36' 48.98", W080° 47' 03.93" | 7362.4 | VNAV | 200 | FLY_BY | TF |

Climb Gradient:
500.0 ft/NM up to 520.0 ft MSL

Flyability

| | |
|------------------------|------------------------------------|
| Flight Type: | SID |
| Selected Airport: | KPBI [IFPA] |
| Climb Gradient: | 500.0 ft/NM up to 520.0 ft MSL |
| 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 WELLY4 path KPBI:RW32:DER_WELLY

| 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 | PHK | N26° 46' 57.87", W080° 41' 29.16" | 0.0 E | 130 | DH | | NO | Enabled | 43.2 % | 43.7 % |
| 2 | MLB | N28° 06' 19.12", W080° 38' 06.46" | 7.0 W | 130 | DH | | NO | Enabled | 3.2 % | 3.3 % |
| 3 | VKZ | N25° 45' 06.85", W080° 09' 16.00" | 4.0 W | 130 | DH | | NO | Enabled | 54.7 % | 55.4 % |
| 4 | PBI | N26° 40' 48.20", W080° 05' 11.36" | 3.0 W | 130 | H | | NO | Enabled | 54.9 % | 55.6 % |

| Flight Check DME Selection | | | | | |
|-----------------------------------|---------------|-----|-----|-----|-----------|
| Distance [NM] | Selected DMEs | | | | Alternate |
| 0.0 | | | | | |
| 16.6 | VKZ | PBI | PHK | | |
| 19.6 | VKZ | PBI | | | |
| 24.0 | VKZ | PBI | PHK | | |
| 36.1 | VKZ | PBI | PHK | MLB | |
| 37.3 | MLB | PBI | PHK | | |

| Inertial Drift Segments | | | |
|--------------------------------|-----------------------------------|-----------------------------------|-------------|
| # | Start Location | End Location | Length [NM] |
| 1 | N26° 41' 32.13", W080° 06' 16.18" | N26° 39' 02.91", W080° 24' 04.14" | 16.5458 |

| Available DMEs by Waypoints | | | |
|------------------------------------|----------------|--------------------|----------------|
| Waypoint Before | Waypoint After | DME List | Suggested DMEs |
| KPBI:RW32:DER | CRYER | | |
| CRYER | MYZNR | PHK, VKZ, PBI | |
| MYZNR | SLAAM | PHK, VKZ, PBI | |
| SLAAM | WELLY | PHK, MLB, VKZ, PBI | |

DME DME Assessment Results for WELLY4 path KPBI:RW32:DER_WELLY

User Data Files

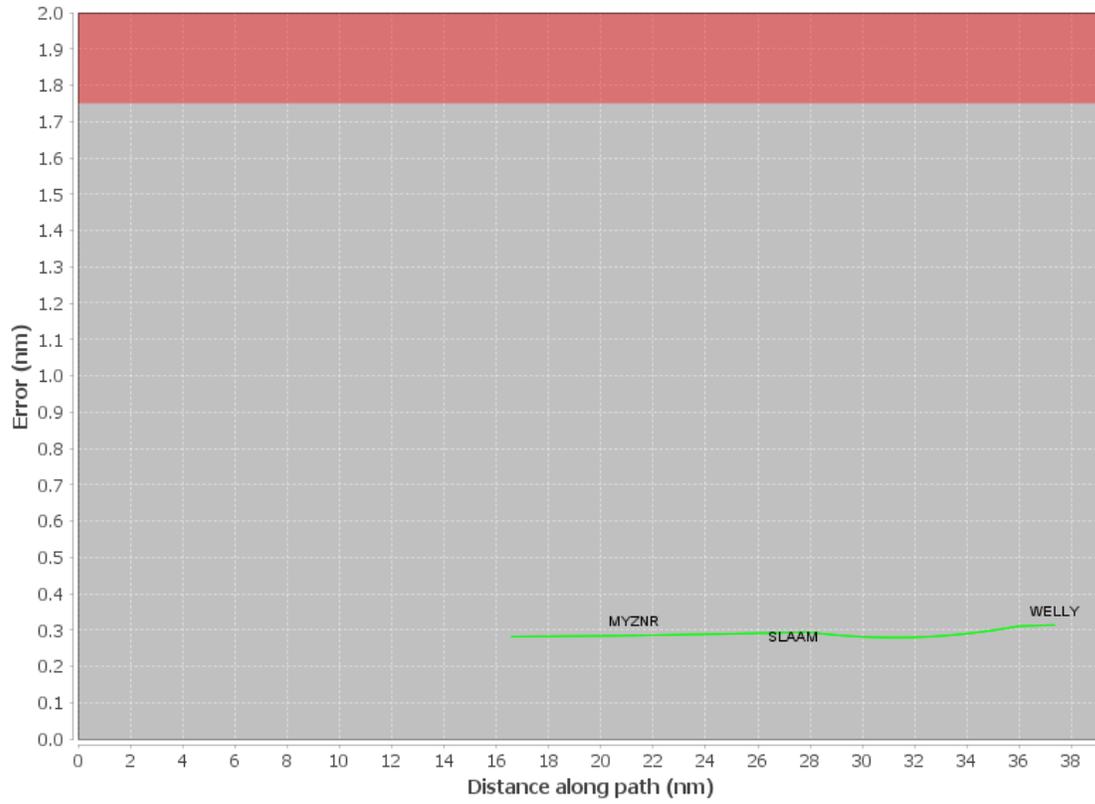
| # | File Name |
|------|-----------|
| None | |

User DMEs

| # | Name | Lat/Lon | MAGVAR | Range | Elevation [ft] | Frequency | Replaces | Status |
|------|------|---------|--------|-------|----------------|-----------|----------|--------|
| None | | | | | | | | |

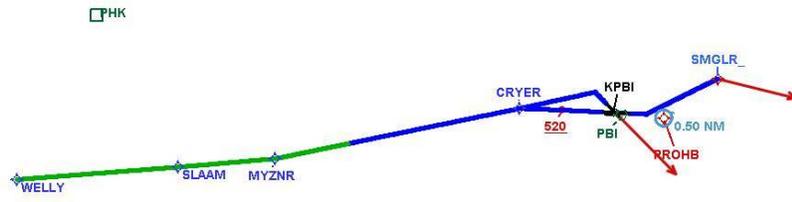
DME DME Assessment Results for WELLY4 path KPBI:RW32:DER_WELLY

DME Error



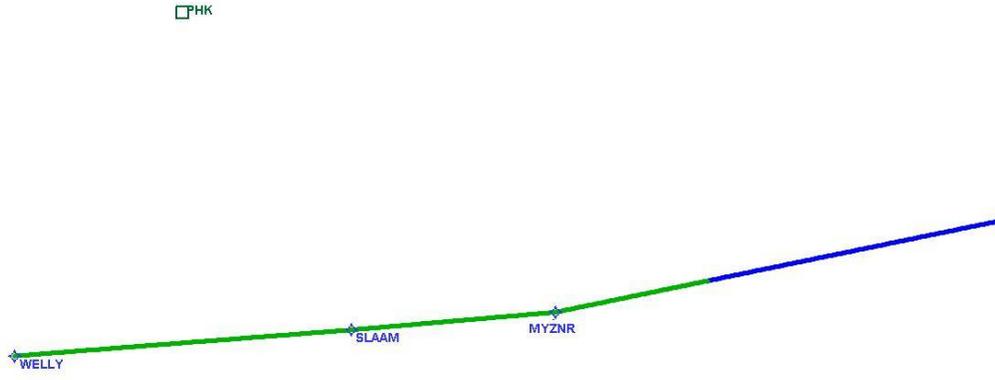
DME DME Assessment Results for WELLY4 path KPBI:RW32:DER_WELLY

Graphic Depiction 1



DME DME Assessment Results for WELLY4 path KPBI:RW32:DER_WELLY

Graphic Depiction 2



DME DME Assessment Results for WELLY4 path KPBI:RW32:DER_WELLY

Graphic Depiction 3

