

# **LGB RNAV (RNP) Rwy 12 AMDT 2 4.12.16**

**Point Of Contact**

**ATC Facility Name - WFPT**

**POC's Name - Dan Gearhart**

**Telephone Number - 425-917-6797**

**FAX Number -**

**Email Address - Dan.CTR.Gearhart@FAA.GOV**

**TARGETS Distribution Package**

## Path From BREKE Leg Table 1/2

| Segment         | Leg Type | Start         | End             | Turn Type | RNP | Min End Fix Alt | Max End Fix Alt | Leg Length (NMI) | Leg Length (FT) | Start Course True | End Course True | Course Change | Turn Dir |
|-----------------|----------|---------------|-----------------|-----------|-----|-----------------|-----------------|------------------|-----------------|-------------------|-----------------|---------------|----------|
| INTERMEDIATE    | IF       | BREKE [AVNIS] | BREKE [AVNIS]   | FB        | 1.0 | 3000.00         | 3000.00         | 0.00             | 0.00000         |                   |                 |               |          |
| INTERMEDIATE    | TF       | BREKE [AVNIS] | JUXAT_N         | FB        | 1.0 | 2500.00         |                 | 3.30             | 20039.14030     | 344.29            | 344.28          |               | RIGHT    |
| INTERMEDIATE    | RF       | JUXAT_N       | WRYAN           | FB        | 1.0 | 1500.00         | 1500.00         | 3.14             | 19048.73290     | 344.28            | 72.41           | 88.13         | RIGHT    |
| FINAL           | RF       | WRYAN         | TIDOY [AVNIS]   | FB        | 0.3 |                 |                 | 2.22             | 13460.84756     | 72.41             | 134.70          | 62.29         | RIGHT    |
| FINAL           | TF       | TIDOY [AVNIS] | KLGB:RW12:AER   | FB        | 0.3 |                 |                 | 2.18             | 13255.15245     | 134.70            | 134.72          | 0.00          |          |
| MISSED_APPROACH | TF       | KLGB:RW12:AER | GUNEY_1600      | FB        | 1.0 |                 |                 | 5.84             | 35469.11549     | 134.72            | 134.76          |               | RIGHT    |
| MISSED_APPROACH | RF       | GUNEY_1600    | LUVCI [AVNIS]   | FB        | 1.0 |                 |                 | 5.18             | 31492.82824     | 134.76            | 196.53          | 61.76         | RIGHT    |
| MISSED_APPROACH | TF       | LUVCI [AVNIS] | ALBAS [AIRNAV2] | FB        | 1.0 |                 |                 | 4.72             | 28663.54814     | 196.55            | 196.53          |               |          |

## Path From BREKE Leg Table 2/2

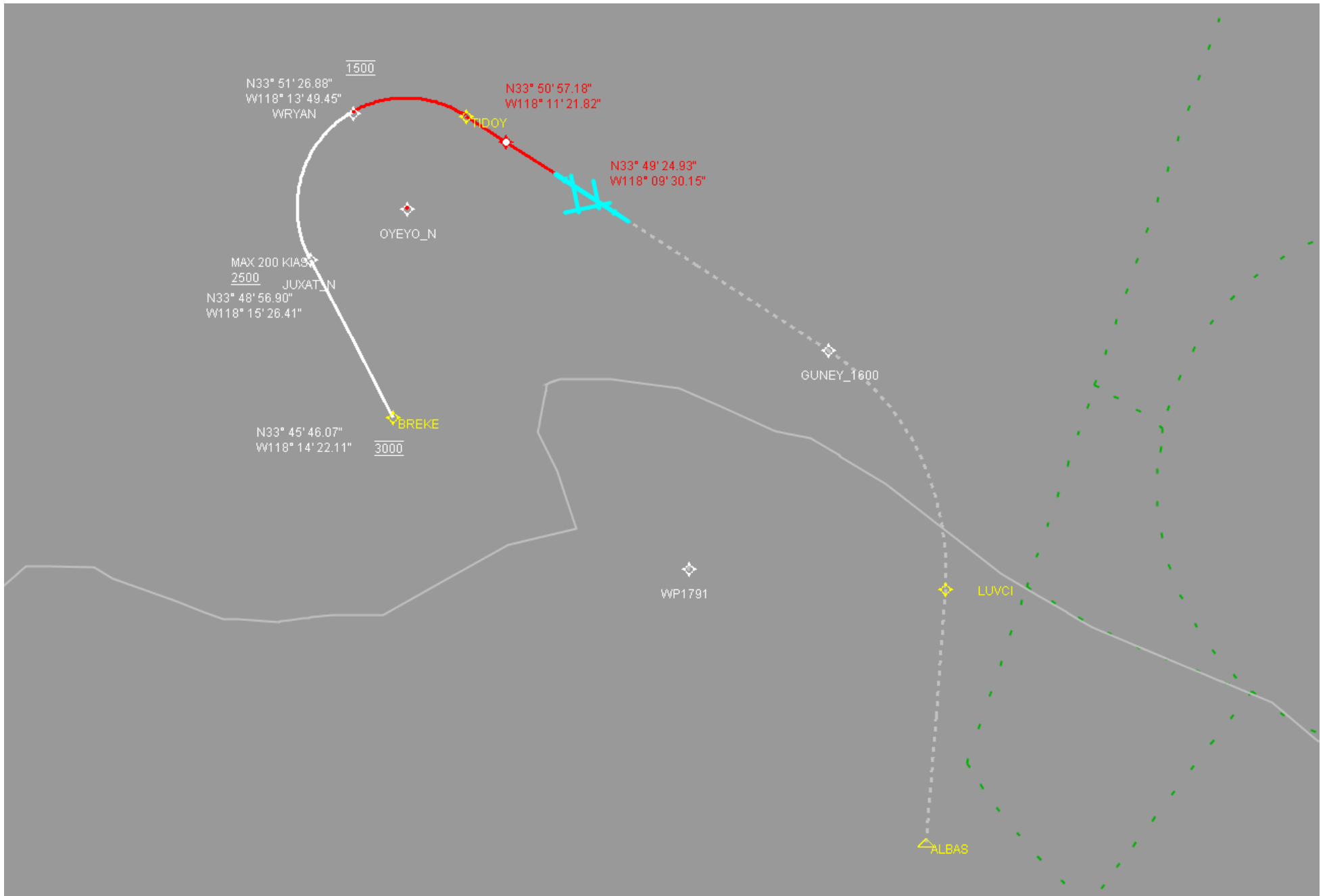
| Segment         | Leg Type | Start         | End             | Turn Type | End Fix Speed Restriction | RF Leg Radius | Flyby Turn Bank Angle Override | Tailwind Component Override | RF Leg Arc Center | Reduced ROC |
|-----------------|----------|---------------|-----------------|-----------|---------------------------|---------------|--------------------------------|-----------------------------|-------------------|-------------|
| INTERMEDIATE    | IF       | BREKE [AVNIS] | BREKE [AVNIS]   | FB        |                           |               |                                |                             |                   |             |
| INTERMEDIATE    | TF       | BREKE [AVNIS] | JUXAT_N         | FB        | -200.0                    |               |                                | 26.90                       |                   |             |
| INTERMEDIATE    | RF       | JUXAT_N       | WRYAN           | FB        |                           | 2.0385        |                                |                             | OYEYO_N           |             |
| FINAL           | RF       | WRYAN         | TIDOY [AVNIS]   | FB        |                           | 2.0385        |                                |                             | OYEYO_N           |             |
| FINAL           | TF       | TIDOY [AVNIS] | KLGB:RW12:AER   | FB        |                           |               |                                |                             |                   |             |
| MISSED_APPROACH | TF       | KLGB:RW12:AER | GUNEY_1600      | FB        |                           |               |                                |                             |                   |             |
| MISSED_APPROACH | RF       | GUNEY_1600    | LUVCI [AVNIS]   | FB        |                           | 4.8092        |                                |                             | WP1791            |             |
| MISSED_APPROACH | TF       | LUVCI [AVNIS] | ALBAS [AIRNAV2] | FB        |                           |               |                                |                             |                   |             |

## Waypoint Data

| DB    | Waypoint      | Latitude (Deg) | Longitude (Deg) | Latitude (Deg, Decimal Min) | Longitude (Deg, Decimal Min) | Latitude (D° M' S.ss") | Longitude (D° M' S.ss") |
|-------|---------------|----------------|-----------------|-----------------------------|------------------------------|------------------------|-------------------------|
| AVNII | ALBAS         | N 33.59963     | W 118.07782     | N33 35.97800                | W118 4.66933                 | N33 35 58.68000        | W118 04 40.16000        |
| AVNIS | BREKE         | N 33.76280     | W 118.23948     | N33 45.76783                | W118 14.36850                | N33 45 46.07000        | W118 14 22.11000        |
|       | GUNEY_1600 WP | N 33.75498     | W 118.07546     | N33 45.29899                | W118 4.52757                 | N33 45 17.93925        | W118 04 31.65391        |
|       | JUXAT_N WP    | N 33.81581     | W 118.25734     | N33 48.94836                | W118 15.44022                | N33 48 56.90131        | W118 15 26.41340        |
| AVNIS | LUVCI         | N 33.67514     | W 118.05101     | N33 40.50850                | W118 3.06067                 | N33 40 30.51000        | W118 03 3.64000         |
|       | OYEYO_N WP    | N 33.82502     | W 118.21808     | N33 49.50125                | W118 13.08484                | N33 49 30.07494        | W118 13 5.09035         |
| AVNIS | TIDOY         | N 33.84922     | W 118.18939     | N33 50.95300                | W118 11.36367                | N33 50 57.18000        | W118 11 21.82000        |
|       | WP1791 WP     | N 33.69795     | W 118.14311     | N33 41.87709                | W118 8.58663                 | N33 41 52.62516        | W118 08 35.19775        |
|       | WRYAN WP      | N 33.85747     | W 118.23040     | N33 51.44800                | W118 13.82424                | N33 51 26.88004        | W118 13 49.45435        |

## PFAF

|                           | LAT           | LON           |
|---------------------------|---------------|---------------|
| LTP/FTP                   | N33 49 24.93  | W118 09 30.15 |
| Runway True Bearing       | 134.72        |               |
| FAF Altitude              | 1500.00       |               |
| LTP/FTP Elevation         | 52.80         |               |
| TCH                       | 47.00         |               |
| Glidepath Angle           | 3.00          |               |
| GPI                       | 896.81        |               |
| FAF Distance From LTP/FTP | 26716.00 Feet |               |
|                           | 4.40 NM       |               |
|                           | LAT           | LON           |
| PFAF                      | N33 51 26.88  | W118 13 49.45 |



LGB RNAV (RNP) Rwy 12 AMDT 2 4.12.16

## Database Effective Dates

| Database      | Date       |
|---------------|------------|
| UddfObstacle  | 03/09/2015 |
| Tiled AIRNAV2 | N/A        |
| OEAAA         | N/A        |
| NFDC          | 03/31/2016 |
| IFP_OFFLINE   | N/A        |
| AVNIS         | 04/15/2016 |
| DOF           | 03/31/2016 |
| AVNII_OFFLINE | N/A        |
| AIRNAV2       | 04/15/2016 |
| CIFP          | 03/31/2016 |

**Notes:**