

|   |        |                            |         |                     |                                  |  |   |       |  |                              |      |                          |        |     |         |
|---|--------|----------------------------|---------|---------------------|----------------------------------|--|---|-------|--|------------------------------|------|--------------------------|--------|-----|---------|
| <b>RNAV - STANDARD<br/>INSTRUMENT APPROACH PROCEDURE<br/>TITLE 14 CFR PART 97.33</b>  |        |                            |         |                     |                                  | Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR. |   |       |  |                              |      |                          |        |     |         |
| TERMINAL ROUTES   |        |                            |         |                     |                                  |  |   |       |  | MISSED APPROACH              |      |                          |        |     |         |
| FROM  |        | TO                         |         | COURSE AND DISTANCE |                                  |  | ALTITUDE                                |       | LPV: DA<br>LNAV/VNAV: DA<br>LNAV: RW29<br><br>CLIMB TO 3000 DIRECT LETSE AND ON TRACK 290.52 TO RQR VOR/DME AND HOLD.<br><br>ADDITIONAL FLIGHT DATA:<br>HOLD W, RT, 093.00 INBOUND.<br>CHART FAS OBST: 218 CTRL TWR 295902N/0901532W<br>CHART: 449 T-L TWR 295649N/0900840W<br>DISTANCE TO THLD FROM 200 HAT: 0.46 NM.<br>CHART VDP AT 1.28 MILES TO RW29*<br>*LNAV ONLY.<br>WAAS CHANNEL # 49006<br>REFERENCE PATH ID: W29A<br>CHART CIRCLING ICON.<br>LTP HAE: -25.7 M |                              |      |                          |        |     |         |
| HRV VORTAC (IAF)  |        | HELMT (FB)                 |         | 338.05 / 5.82       |                                  |  | 3000                                    |       |  |                              |      |                          |        |     |         |
| HELMT (IF)  |        | BRRES (FB)                 |         | 286.60 / 5.00       |                                  |  | 2000                                    |       |  |                              |      |                          |        |     |         |
| BRRES (FAF)   |        | WIVUR/1.90 NM TO RW29 (FB) |         | 286.55 / 4.21       |                                  |  |   |       |  |                              |      |                          |        |     |         |
| WIVUR/1.90 NM TO RW29   |        | RW29 (MAP) (FO)            |         | 286.55 / 1.90       |                                  |  |   |       |  |                              |      |                          |        |     |         |
| RW29 (MAP)  |        | 202 MSL                    |         | 286.55              |                                  |  |   |       |  |                              |      |                          |        |     |         |
| 202 MSL   |        | LETSE (FB)                 |         |                     |                                  |  |   |       |  |                              |      |                          |        |     |         |
| LETSE   |        | RQR VOR/DME (FO)           |         | 290.52 / 14.07      |                                  |  | 3000                                    |       |  |                              |      |                          |        |     |         |
| 1. PT <u>      </u> SIDE OF COURSE <u>      </u> OUTBOUND <u>      </u> FT WITHIN <u>      </u> MILES OF <u>      </u> (IAF)<br>2. PROFILE STARTS AT HELMT<br>3. FAC: <u>286.55</u> FAF: BRRES DIST FAF TO MAP: <u>6.11</u> THLD: <u>6.11</u><br>4. MIN. ALT: HELMT 3000, BRRES 2000, WIVUR/1.90 NM TO RW29 640*<br>5. DIST TO THLD FROM OM: <u>      </u> MM: <u>      </u> IM: <u>      </u> 150 HAT: <u>      </u> 100 HAT: <u>      </u> GS ANT: <u>      </u><br>6. MIN GS INCPT: <u>2000</u> GS ALT AT: BRRES 2000 OM: <u>      </u> MM: <u>      </u> IM: <u>      </u><br>7. GS ANGLE: <u>3.00</u> TCH: <u>53.1</u> 34:1 IS CLEAR<br>8. MSA FROM: RW29 3100 |        |                            |         |                     |                                  |  |   |       |  | MAG VAR: 1W EPOCH YEAR: 2020 |      |                          |        |     |         |
| MINIMUMS  |        |                            |         |                     |                                  |  |   |       |  |                              |      |                          |        |     |         |
| TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT   |        |                            |         |                     |                                  |  | ALTERNATE: N A                          |       | STANDARD   |                              |      |                          |        |     |         |
| CATEGORY =====>   |        | A                          |         | B                   |                                  |  | C                                       |       |  | D                            |      |                          | E      |     |         |
|   | DH/MDA | VIS                        | HAT/HAA | DH/MDA              | VIS                              | HAT/HAA  | DH/MDA                                  | VIS   | HAT/HAA  | DH/MDA                       | VIS  | HAT/HAA                  | DH/MDA | VIS | HAT/HAA |
| LPV DA  | 202    | 2400                       | 200     | 202                 | 2400                             | 200  | 202                                     | 2400  | 200  | 202                          | 2400 | 200                      |        |     |         |
| LNAV/VNAV DA  | 380    | 4000                       | 378     | 380                 | 4000                             | 378  | 380                                     | 4000  | 378  | 380                          | 4000 | 378                      |        |     |         |
| LNAV MDA  | 480    | 2400                       | 478     | 480                 | 2400                             | 478  | 480                                     | 5000  | 478  | 480                          | 5000 | 478                      |        |     |         |
|   |        |                            |         |                     |                                  |  |   |       |  |                              |      |                          |        |     |         |
| CIRCLING  | 520    | 1                          | 516     | 520                 | 1                                | 516  | 580                                     | 1 1/2 | 576  | 600                          | 2    | 596                      |        |     |         |
|   |        |                            |         |                     |                                  |  |   |       |  |                              |      |                          |        |     |         |
|   |        |                            |         |                     |                                  |  |   |       |  |                              |      |                          |        |     |         |
| NOTES:<br>CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -1C (31F) OR ABOVE 54C (130F).<br>CHART NOTE: DME/DME RNP-0.3 NA.<br>CHART PLANVIEW NOTE : PROCEDURE NA FOR ARRIVALS ON HRV VORTAC AIRWAY RADIALS 254 CW 063.<br>CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LNAV CAT C/D VISIBILITY TO 1 3/8 MILE.<br>CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).  |        |                            |         |                     |                                  |  |   |       |  |                              |      |                          |        |     |         |
| CITY AND STATE  |        | ELEVATION: 4 TDZE: 2       |         |                     | FACILITY IDENTIFIER: RNAV        |  | PROCEDURE NO./AMDT NO./EFFECTIVE DATE:  |       |  |                              |      | SUP: RNAV (GPS) Y RWY 28 |        |     |         |
| NEW ORLEANS, LA   |        | AIRPORT NAME:              |         |                     | LOUIS ARMSTRONG NEW ORLEANS INTL |  | RNAV (GPS) Y RWY 29, AMDT 4, 10/15/2015 |       |  |                              |      | AMDT: 3A                 |        |     |         |
|   |        |                            |         |                     |                                  |  |   |       |  |                              |      | DATED 08/21/2014         |        |     |         |

QUALITY  
 14  
 CHECKED

**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE  
FLIGHT STANDARDS SERVICE - FAR PART 97.33**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

**FAS DATA BLOCK INFORMATION****DATA FIELD****DATA**

|  |               |
|--|---------------|
| OPERATION TYPE                           | 0             |
| SBAS SERVICE PROVIDER IDENTIFIER         | 0             |
| AIRPORT IDENTIFIER                       | KMSY          |
| RUNWAY                                   | RW29          |
| APPROACH PERFORMANCE DESIGNATOR          | 0             |
| ROUTE INDICATOR                          | Y             |
| REFERENCE PATH DATA SELECTOR             | 0             |
| REFERENCE PATH IDENTIFIER (APPROACH ID)  | W29A          |
| LTP/FTP LATITUDE                         | 295921.9690N  |
| LTP/FTP LONGITUDE                        | 0901506.8220W |
| LTP/FTP ELLIPSOIDAL HEIGHT               | -00257        |
| FPAP LATITUDE                            | 295947.8555N  |
| FPAP LONGITUDE                           | 0901654.2240W |
| THRESHOLD CROSSING HEIGHT (TCH)          | 00053.1       |
| TCH UNITS SELECTOR (METERS OR FEET USED) | F             |
| GLIDEPATH ANGLE (GPA)                    | 03.00         |
| COURSE WIDTH AT THRESHOLD                | 106.75        |
| LENGTH OFFSET                            | 0000          |
| HORIZONTAL ALERT LIMIT (HAL)             | 40.0          |
| VERTICAL ALERT LIMIT (VAL)               | 35.0          |

**CRC REMAINDER**

A07A3BD1

**ADDITIONAL PATH POINT RECORD INFORMATION**

|                         |        |
|-------------------------|--------|
| ICAO CODE               | K4     |
| LTP ORTHOMETRIC HEIGHT  | +00004 |
| FPAP ORTHOMETRIC HEIGHT | +00004 |

QUALITY  
14  
CHECKED

CITY AND STATE

NEW ORLEANS, LA

ELEVATION: 4

TDZE: 2

AIRPORT NAME:

LOUIS ARMSTRONG NEW ORLEANS INTL

 FACILITY  
IDENTIFIER:  
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) Y RWY 29, AMDT 4, 10/15/2015

SUP: RNAV (GPS) Y RWY 28

AMDT: 3A

DATED: 08/21/2014

**U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION**  
**RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE**  
**FLIGHT STANDARDS SERVICES - TITLE 14 CFR PART 97.33**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC SUMMARY - KMSY

ROUTES

| TRANSITION | WPT<br>SEQ | WPT<br>NAME | LEG<br>TYPE | FB/FO | RNP | MAG<br>CRS | REC<br>NAV | ANGLE | TURN<br>DIR | CENTER<br>FIX | TURN<br>RADIUS | ALTITUDE<br>DESCRIPTION<br>& VALUE | SPEED LIMIT<br>DESCRIPTION<br>& VALUE | WPT<br>DESCRIPTION<br>CODE |
|------------|------------|-------------|-------------|-------|-----|------------|------------|-------|-------------|---------------|----------------|------------------------------------|---------------------------------------|----------------------------|
| HRV        | 010        | HRV         | IF          | FB    |     |            |            |       |             |               |                |                                    |                                       | V A                        |
| HRV        | 020        | HELMT       | TF          | FB    | 1.0 | 338.1      |            |       |             |               |                | AA 03000                           |                                       | EE B                       |
|            | 010        | HELMT       | IF          | FB    |     |            |            |       |             |               |                | AA 03000                           |                                       | E I                        |
|            | 020        | BRRES       | TF          | FB    | 0.5 | 286.6      |            |       |             | RW29          |                | AA 02000                           |                                       | E F                        |
|            | 021        | WIVUR       | TF          | FO    | 0.3 | 286.6      |            | 3.00  |             |               |                | AA 00640 GS 00660                  |                                       | EYS                        |
|            | 030        | RW29        | TF          | FO    | 0.3 | 286.6      |            | 3.00  |             |               |                | AT 00055                           |                                       | GY M                       |
|            | 040        |             | CA          | FB    |     | 286.6      |            |       |             |               |                | AA 00202                           |                                       | M                          |
|            | 050        | LETSE       | DF          | FB    |     |            |            |       |             |               |                |                                    |                                       | E                          |
|            | 060        | RQR         | TF          | FO    | 1.0 | 290.5      |            |       |             |               |                | AA 03000                           |                                       | VY                         |
|            | 070        | RQR         | HM          | FO    |     | 093.0      |            |       | R           |               |                | AA 03000                           |                                       | VE                         |

POINTS

| POINT NAME | LATITUDE   | LONGITUDE   |
|------------|------------|-------------|
| HRV        | N295100.70 | W0900010.74 |
| RQR        | N300515.00 | W0903519.05 |
| BRRES      | N295743.66 | W0900820.17 |
| HELMT      | N295622.90 | W0900247.44 |
| LETSE      | N300032.99 | W0902001.65 |
| WIVUR      | N295851.43 | W0901300.33 |

RUNWAYS

| RUNWAY | THRESHOLD<br>LATITUDE | THRESHOLD<br>LONGITUDE | THRESHOLD<br>ELEVATION | PROCEDURE<br>TCH |
|--------|-----------------------|------------------------|------------------------|------------------|
| RW29   | N295921.97            | W0901506.82            | 00001                  | 53               |

QUALITY  
14  
CHECKED

|  |  |  |  |                                 |
|--|--|--|--|---------------------------------|
| CITY AND STATE<br><b>NEW ORLEANS, LA</b> | ELEVATION: <b>4</b> TDZE: <b>2</b><br>AIRPORT NAME:<br><b>LOUIS ARMSTRONG NEW ORLEANS INTL</b> | FACILITY<br>IDENTIFIER:<br><br><b>RNAV</b> | PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:<br><b>RNAV (GPS) Y RWY 29, AMDT 4, 10/15/2015</b> | SUP: <b>RNAV (GPS) Y RWY 28</b> |
|  |  |  |  | AMDT: <b>3A</b>                 |
|  |  |  |  | DATED: <b>08/21/2014</b>        |