

US DEPARTMENT OF TRANSPORTATION  
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD  
INSTRUMENT APPROACH PROCEDURE  
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.

| TERMINAL ROUTES |                   |                     |          | MISSED APPROACH                                                                                                                                                                                                                                                                                                        |  |  |  |
|-----------------|-------------------|---------------------|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|
| FROM            | TO                | COURSE AND DISTANCE | ALTITUDE |                                                                                                                                                                                                                                                                                                                        |  |  |  |
| UDUZI (IAF)     | JORVU (NOPT) (FB) | 184.70 / 6.60       | 2000     | LPV: DA<br>LNAV/VNAV: DA<br>LNAV: RW09R                                                                                                                                                                                                                                                                                |  |  |  |
| IPNEC (IAF)     | JORVU (NOPT) (FB) | 004.86 / 5.90       | 2000     |                                                                                                                                                                                                                                                                                                                        |  |  |  |
| JORVU (IF/IAF)  | COYVA (FB)        | 094.81 / 7.00       | 1600     | CLIMB TO 1600 DIRECT WEPAT AND HOLD.                                                                                                                                                                                                                                                                                   |  |  |  |
| COYVA (FAF)     | RW09R (MAP) (FO)  | 094.88 / 4.76       |          |                                                                                                                                                                                                                                                                                                                        |  |  |  |
| RW09R (MAP)     | 239 MSL           | 094.88              |          | ADDITIONAL FLIGHT DATA:<br>HOLD E, LT, 275.02 INBOUND.<br>CHART FAS OBST: 194 ANT 284633N/0811520W<br>279 AAO 284656N/0811928W<br>CHART R-2934.<br>DISTANCE TO THLD FROM 200 HATH: 0.48 NM.<br>CHART VDP AT 1.18 MILES TO RW09R*<br>*LNAV ONLY.<br>WAAS CHANNEL # 48810<br>REFERENCE PATH ID: W09B<br>LTP HAE: -15.8 M |  |  |  |
| 239 MSL         | WEPAT (FO)        |                     | 1600     |                                                                                                                                                                                                                                                                                                                        |  |  |  |

  

|                                                                                                |                                  |
|------------------------------------------------------------------------------------------------|----------------------------------|
| 1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)           |                                  |
| 2. HOLD W JORVU, RT, 094.81 INBOUND, 2000 FT. IN LIEU OF PT (IAF)                              |                                  |
| 3. FAC: 094.88 FAF: COYVA                                                                      | DIST FAF TO MAP: 4.76 THLD: 4.76 |
| 4. MIN. ALT: JORVU 2000, COYVA 1600                                                            |                                  |
| 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ |                                  |
| 6. MIN GS INCPT: 1600 GS ALT AT: COYVA 1600                                                    | OM: _____ MM: _____ IM: _____    |
| 7. GS ANGLE: 3.00 TCH: 45.2 34:1 IS CLEAR                                                      |                                  |
| 8. MSA FROM: _____                                                                             |                                  |

  

| 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                                          | 239    | 1/2 | 200     | 239    | 1/2 | 200     | 239    | 1/2   | 200     | 239            | 1/2 | 200        |        |     |         |
| LNAV/VNAV DA                                    | 458    | 1   | 419     | 458    | 1   | 419     | 458    | 1     | 419     | 458            | 1   | 419        |        |     |         |
| LNAV MDA                                        | 460    | 1/2 | 421     | 460    | 1/2 | 421     | 460    | 3/4   | 421     | 460            | 3/4 | 421        |        |     |         |
|                                                 |        |     |         |        |     |         |        |       |         |                |     |            |        |     |         |
| CIRCLING                                        | 580    | 1   | 525     | 580    | 1   | 525     | 580    | 1 1/2 | 525     | 620            | 2   | 565        |        |     |         |
|                                                 |        |     |         |        |     |         |        |       |         |                |     |            |        |     |         |
|                                                 |        |     |         |        |     |         |        |       |         |                |     |            |        |     |         |

  

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -19C (-2F) OR ABOVE 54C (130F).

CHART NOTE: DME/DME RNP-0.3 NA.

CHART NOTE: BARO-VNAV AND VDP NA WHEN USING EXECUTIVE ALTIMETER SETTING.

(SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

|                                   |                                           |                              |                                                                                    |              |
|-----------------------------------|-------------------------------------------|------------------------------|------------------------------------------------------------------------------------|--------------|
| CITY AND STATE<br><br>ORLANDO, FL | ELEVATION: 55 THRE: 39                    | FACILITY IDENTIFIER:<br>RNAV | PROCEDURE NO./AMDT NO./EFFECTIVE DATE:<br>RNAV (GPS) RWY 9R, AMDT 1<br>30 MAY 2013 | SUP:         |
|                                   | AIRPORT NAME:<br><br>ORLANDO SANFORD INTL |                              |                                                                                    | AMDT: ORIG-C |
|                                   | DATED 01/12/2012                          |                              |                                                                                    |              |

QUALITY  
CHECKED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION  
RNAV - STANDARD  
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NOTES, (CONT.):

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE EXECUTIVE ALTIMETER SETTING AND INCREASE LPV DA TO 282, LNAV/VNAV DA TO 501 AND ALL MDA 60 FEET; INCREASE LNAV/VNAV ALL CATS VISIBILITY 1/8 MILE AND LNAV CAT C/D VISIBILITY 1/4 MILE.

CHART PLANVIEW NOTE ADJACENT TO IPNEC (IAF): MAX 210 KIAS.

CHART PLANVIEW NOTE ADJACENT TO UDUZI (IAF): MAX 210 KIAS.

CHART NOTE: CIRCLING TO RWY 27C NA AT NIGHT.

TAA

|    | FROM                    | TO                  | ALT  |
|----|-------------------------|---------------------|------|
| 1. | 005/30 CW 140/30 (NOPT) | JORVU (IF/IAF) (FB) | 2000 |
|    | 140/10 CW 185/10        | JORVU (IF/IAF) (FB) | 2000 |
| 2. | 140/30 CW 185/30 (NOPT) | 140/10 CW 185/10    | 2600 |
| 3. | 185/30 CW 275/30        | UDUZI (IAF) (FB)    | 2800 |
| 4. | 275/30 CW 005/30        | IPNEC (IAF) (FB)    | 2800 |

CITY AND STATE

ORLANDO, FL

ELEVATION: 55

THRE: 39

AIRPORT NAME:

ORLANDO SANFORD INTL

FACILITY  
IDENTIFIER:  
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 9R, AMDT 1

30 MAY 2013

SUP:

AMDT: ORIG-C

DATED: 01/12/2012

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

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FAS DATA BLOCK INFORMATIONDATA FIELDDATA

|                                          |               |
|------------------------------------------|---------------|
| OPERATION TYPE                           | 0             |
| SBAS SERVICE PROVIDER IDENTIFIER         | 0             |
| AIRPORT IDENTIFIER                       | KSFB          |
| RUNWAY                                   | RW09R         |
| APPROACH PERFORMANCE DESIGNATOR          | 0             |
| ROUTE INDICATOR                          |               |
| REFERENCE PATH DATA SELECTOR             | 0             |
| REFERENCE PATH IDENTIFIER (APPROACH ID)  | W09B          |
| LTP/FTP LATITUDE                         | 284611.8165N  |
| LTP/FTP LONGITUDE                        | 0811352.3815W |
| LTP/FTP ELLIPSOIDAL HEIGHT               | -00158        |
| FPAP LATITUDE                            | 284611.9300N  |
| FPAP LONGITUDE                           | 0811210.9900W |
| THRESHOLD CROSSING HEIGHT (TCH)          | 00045.2       |
| TCH UNITS SELECTOR (METERS OR FEET USED) | F             |
| GLIDEPATH ANGLE (GPA)                    | 03.00         |
| COURSE WIDTH AT THRESHOLD                | 106.75        |
| LENGTH OFFSET                            | 1232          |
| HORIZONTAL ALERT LIMIT (HAL)             | 40.0          |
| VERTICAL ALERT LIMIT (VAL)               | 35.0          |

CRC REMAINDER

F4F981E0

ADDITIONAL PATH POINT RECORD INFORMATION

|                         |        |
|-------------------------|--------|
| ICAO CODE               | K7     |
| LTP ORTHOMETRIC HEIGHT  | +00119 |
| FPAP ORTHOMETRIC HEIGHT | +00119 |



|                               |                                       |                              |                                                                                    |                   |
|-------------------------------|---------------------------------------|------------------------------|------------------------------------------------------------------------------------|-------------------|
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|                               | AIRPORT NAME:<br>ORLANDO SANFORD INTL |                              |                                                                                    | AMDT: ORIG-C      |
|                               |                                       |                              |                                                                                    | DATED: 01/12/2012 |

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[illegible][illegible]

| SEGMENT | 1           | 2      | 3                  | 4  | 5     | 6          | 7        | 8 | 9     | 0        | 1 | 2    | 3 |
|---------|-------------|--------|--------------------|----|-------|------------|----------|---|-------|----------|---|------|---|
| SUSAP   | KSFBK7FR09R | AIPNEC | 010IPNECK7EA0E     | A  | IF    |            |          |   |       | 18000210 |   | A-JS |   |
| SUSAP   | KSFBK7FR09R | AIPNEC | 020JORVUK7EA0EE    | B  | 010TF |            | 00490059 | + | 02000 |          |   | A JS |   |
| SUSAP   | KSFBK7FR09R | AJORVU | 010JORVUK7EA0EE    | AR | HF    |            | 09480040 | + | 02000 | 18000    |   | A JS |   |
| SUSAP   | KSFBK7FR09R | AUDUZI | 010UDUZIK7EA0E     | A  | IF    |            |          |   |       | 18000210 |   | A-JS |   |
| SUSAP   | KSFBK7FR09R | AUDUZI | 020JORVUK7EA0EE    | B  | 010TF |            | 18470066 | + | 02000 |          |   | A JS |   |
| SUSAP   | KSFBK7FR09R | R      | 010JORVUK7EA0E     | I  | IF    |            |          |   |       | 18000    |   | A JS |   |
| SUSAP   | KSFBK7FR09R | R      | 020COYVAK7EA1E     | F  | 051TF |            | 09480070 | + | 01600 |          |   | A JS |   |
| SUSAP   | KSFBK7FR09R | R      | 020COYVAK7EA2WALPV |    |       | ALNAV/VNAV | ALNAV    |   |       |          |   | JS   |   |
| SUSAP   | KSFBK7FR09R | R      | 030RW09RK7PG0GY    | M  | 031TF |            | 09490048 |   | 00084 | -300     |   | A JS |   |
| SUSAP   | KSFBK7FR09R | R      | 040                | 0  | M     | CA         | 0949     | + | 00239 |          |   | A JS |   |
| SUSAP   | KSFBK7FR09R | R      | 050WEPATK7EA0EY    |    | DF    |            |          |   | 01600 |          |   | A JS |   |
| SUSAP   | KSFBK7FR09R | R      | 060WEPATK7EA0EE    | L  | HM    |            | 27500040 | + | 01600 |          |   | A JS |   |

[illegible][illegible]

|                                      |                                                                                         |                                            |                                                                                                   |                          |
|--------------------------------------|-----------------------------------------------------------------------------------------|--------------------------------------------|---------------------------------------------------------------------------------------------------|--------------------------|
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|                                      |                                                                                         |                                            |                                                                                                   | AMDT: <b>ORIG-C</b>      |
|                                      |                                                                                         |                                            |                                                                                                   | DATED: <b>01/12/2012</b> |

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

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ARINC SUMMARY - 424-18 - RNAV (GPS)

| ROUTES | TRANSITION | FIX   | SEQ | USE  | PATH | TURN | FO/FB | RNP | MAG (TRUE)     | DISTANCE | ALTITUDE | SPEED  |
|--------|------------|-------|-----|------|------|------|-------|-----|----------------|----------|----------|--------|
|        | IPNEC      | IPNEC | 010 | IAF  | IF   |      | FB    |     |                |          |          | AB 210 |
|        | IPNEC      | JORVU | 020 |      | TF   |      | FB    | 1.0 | 004.9 (359.9T) | 005.9    | AA 02000 |        |
|        | JORVU      | JORVU | 010 | IAF  | HF   | R    | FO    |     | 094.8 (089.8T) | 004.0    | AA 02000 |        |
|        | UDUZI      | UDUZI | 010 | IAF  | IF   |      | FB    |     |                |          |          | AB 210 |
|        | UDUZI      | JORVU | 020 |      | TF   |      | FB    | 1.0 | 184.7 (179.7T) | 006.6    | AA 02000 |        |
|        |            | JORVU | 010 | FACF | IF   |      | FB    |     |                |          | AA 02000 |        |
|        |            | COYVA | 020 | FAF  | TF   |      | FB    | 0.5 | 094.8 (089.8T) | 007.0    | AA 01600 |        |
|        |            | RW09R | 030 | MAP  | TF   |      | FO    | 0.3 | 094.9 (089.9T) | 004.8    | AT 00084 |        |

| MISSED APPROACH | FIX   | SEQ | USE | PATH | TURN | FO/FB | RNP | MAG (TRUE)     | DISTANCE | ALTITUDE | SPEED |
|-----------------|-------|-----|-----|------|------|-------|-----|----------------|----------|----------|-------|
|                 |       | 040 |     | CA   |      | FB    |     | 094.9 (089.9T) |          | AA 00239 |       |
|                 | WEPAT | 050 |     | DF   |      | FO    |     |                |          | AA 01600 |       |
|                 | WEPAT | 060 |     | HM   | L    | FO    |     | 275.0 (270.0T) | 004.0    | AA 01600 |       |

| POINT DATA | WAYPOINT | LAT IN SECS | LONG IN SECS | LAT IN MINS | LONG IN MINS |
|------------|----------|-------------|--------------|-------------|--------------|
|            | COYVA    | N284611.31  | W0811917.31  | N2846.189   | W08119.289   |
|            | IPNEC    | N284015.25  | W0812714.29  | N2840.254   | W08127.238   |
|            | JORVU    | N284610.17  | W0812715.28  | N2846.170   | W08127.255   |
|            | UDUZI    | N285247.17  | W0812717.60  | N2852.786   | W08127.293   |
|            | WEPAT    | N284612.24  | W0810102.74  | N2846.204   | W08101.046   |
|            | RW09R    | N284611.82  | W0811352.38  | N2846.197   | W08113.873   |

| RUNWAY DATA | THRESHOLD |           |
|-------------|-----------|-----------|
|             | RWY       | ELEVATION |
|             |           | TCH       |
|             | RW09R     | 00039 45  |

|                                      |                                              |                                     |                                                                                               |                          |
|--------------------------------------|----------------------------------------------|-------------------------------------|-----------------------------------------------------------------------------------------------|--------------------------|
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|                                      | AIRPORT NAME:<br><b>ORLANDO SANFORD INTL</b> |                                     |                                                                                               | AMDT: <b>ORIG-C</b>      |
|                                      |                                              |                                     |                                                                                               | DATED: <b>01/12/2012</b> |