

**RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33**

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| TERMINAL ROUTES | | | | MISSED APPROACH | |
|-----------------------|----------------------------|---------------------|----------|--|--|
| FROM | TO | COURSE AND DISTANCE | ALTITUDE | | |
| COPOL (IAF) | JESON (NOPT) (FB) | 356.58 / 6.00 | 3600 | LPV: DA LNAV/VNAV: DA LNAV: RW26 | |
| HARSO (IAF) | JESON (NOPT) (FB) | 176.58 / 6.00 | 3600 | CLIMB TO 3500 DIRECT HAGIL AND HOLD. | |
| JESON (IF/IAF) | MIROE (FB) | 266.58 / 7.51 | 2300 | | |
| MIROE (FAF) | JETRO/3.00 NM TO RW26 (FB) | 266.49 / 1.99 | 3500 | ADDITIONAL FLIGHT DATA: HOLD W, RT, 086.27 INBOUND. CHART FAS OBST: 744 BLDG 361212N/0955234W CHART FAS OBST: 853 TOWER 361220N/0954916W CHART 888 TOWER 361157N/0954754W. DISTANCE TO THLD FROM 200 HAT: 0.51 NM. CHART VDP AT 1.48 MILES TO RW26* *LNAV ONLY. WAAS CHANNEL # 93814 REFERENCE PATH ID: W26A CHART CIRCLING ICON. CHART: ASR LTP HAE: 163.9 M | |
| JETRO/3.00 NM TO RW26 | RW26 (MAP) (FO) | 266.49 / 3.00 | | | |
| RW26 (MAP) | 852 MSL | 266.49 | | | |
| 852 MSL | HAGIL (FO) | | | | |

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD E JESON, RT, 266.58 INBOUND, 3600 FT. IN LIEU OF PT (IAF)
- FAC: 266.49 FAF: MIROE DIST FAF TO MAP: 4.99 THLD: 4.99
- MIN. ALT: JESON 3600, MIROE 2300, JETRO/3.00 NM TO RW26 1640*
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: 2300 GS ALT AT: MIROE 2300 OM: MM: IM:
- GS ANGLE: 3.00 TCH: 57.0 34:1 IS CLEAR
- MSA FROM:

MAG VAR: 3E 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 | 852 | 3/4 | 200 | 852 | 3/4 | 200 | 852 | 3/4 | 200 | 852 | 3/4 | 200 | 852 | 3/4 | 200 |
| LNAV/VNAV DA | 1089 | 1 | 437 | 1089 | 1 | 437 | 1089 | 1 | 437 | 1089 | 1 | 437 | 1089 | 1 | 437 |
| LNAV MDA | 1160 | 3/4 | 508 | 1160 | 3/4 | 508 | 1160 | 1 | 508 | 1160 | 1 | 508 | 1160 | 1 | 508 |

| CIRCLING | 1160 | 1 | 482 | 1160 | 1 | 482 | 1520 | 2 1/2 | 842 | 1520 | 2 3/4 | 842 | 1520 | 3 | 842 |
|----------|------|---|-----|------|---|-----|------|-------|-----|------|-------|-----|------|---|-----|
| | | | | | | | | | | | | | | | |

NOTES:
 CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LPV DA.
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -13C (9F) OR ABOVE 54C (130F).
 CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LNAV/VNAV DA CAT E VISIBILITY TO 1 1/2 MILE, LNAV MDA CATS A/B VISIBILITY TO 1 MILE AND CAT E TO 1 1/2 MILE.
 (SEE FORM 8260-10)



| | | | | |
|-----------------------------|---|------------------------------|---|---|
| CITY AND STATE TULSA, OK | ELEVATION: 678 TDZE: 652 AIRPORT NAME: TULSA INTL | FACILITY IDENTIFIER: RNAV | PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 26, AMDT 3D 31 MARCH 2016 | SUP: RNAV (GPS) Y RWY 26 AMDT: 3C DATED 04/02/2015 |
|-----------------------------|---|------------------------------|---|---|

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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NOTES, (CONT.):

CHART NOTE: CIRCLING NA FOR CAT E SOUTH OF RWY 8-26.

CHART NOTE: DME/DME RNP-0.3 NA.

TAA

| | <u>FROM</u> | <u>TO</u> | <u>ALT</u> |
|----|-------------------------|---------------------|------------|
| 1. | 177/30 CW 357/30 (NOPT) | JESON (IF/IAF) (FB) | 3600 |
| 2. | 357/30 CW 087/30 | COPOL (IAF) (FB) | 3600 |
| 3. | 087/30 CW 177/30 | HARSO (IAF) (FB) | 3600 |



| | | | | | |
|------------------------------------|------------------------------------|------------------|-------------------------------------|--|---------------------------------|
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| | AIRPORT NAME: TULSA INTL | | | | AMDT: 3C |
| | | | | | DATED: 04/02/2015 |

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

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FAS DATA BLOCK INFORMATION

| <u>DATA FIELD</u> | <u>DATA</u> |
|--|---------------|
| OPERATION TYPE | 0 |
| SBAS SERVICE PROVIDER IDENTIFIER | 0 |
| AIRPORT IDENTIFIER | KTUL |
| RUNWAY | RW26 |
| APPROACH PERFORMANCE DESIGNATOR | 0 |
| ROUTE INDICATOR | |
| REFERENCE PATH DATA SELECTOR | 0 |
| REFERENCE PATH IDENTIFIER (APPROACH ID) | W26A |
| LTP/FTP LATITUDE | 361144.2810N |
| LTP/FTP LONGITUDE | 0955226.5305W |
| LTP/FTP ELLIPSOIDAL HEIGHT | +01639 |
| FPAP LATITUDE | 361143.3805N |
| FPAP LONGITUDE | 0955416.6060W |
| THRESHOLD CROSSING HEIGHT (TCH) | 00057.0 |
| TCH UNITS SELECTOR (METERS OR FEET USED) | F |
| GLIDEPATH ANGLE (GPA) | 03.00 |
| COURSE WIDTH AT THRESHOLD | 106.75 |
| LENGTH OFFSET | 0504 |
| HORIZONTAL ALERT LIMIT (HAL) | 40.0 |
| VERTICAL ALERT LIMIT (VAL) | 35.0 |
| <u>CRC REMAINDER</u> | 739567B5 |

ADDITIONAL PATH POINT RECORD INFORMATION

| | |
|-------------------------|--------|
| ICAO CODE | K4 |
| LTP ORTHOMETRIC HEIGHT | +01929 |
| FPAP ORTHOMETRIC HEIGHT | +01929 |



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|------------------------------------|--|-------------------------------------|--|---------------------------------|
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| | AIRPORT NAME: TULSA INTL | | | AMDT: 3C |
| | | | | DATED: 04/02/2015 |

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

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ARINC SUMMARY - KTUL

ROUTES

| TRANSITION | WPT SEQ | WPT NAME | LEG TYPE | FB/FO | RNP | MAG CRS | REC NAV | ANGLE | TURN DIR | CENTER FIX | TURN RADIUS | ALTITUDE DESCRIPTION & VALUE | SPEED LIMIT DESCRIPTION & VALUE | WPT DESCRIPTION CODE |
|------------|---------|----------|----------|-------|-----|---------|---------|-------|----------|------------|-------------|------------------------------|---------------------------------|----------------------|
| COPOL | 010 | COPOL | IF | FB | | | | | | | | | | E A |
| COPOL | 020 | JESON | TF | FB | 1.0 | 356.6 | | | | | | AA 03600 | | EE B |
| HARSO | 010 | HARSO | IF | FB | | | | | | | | | | E A |
| HARSO | 020 | JESON | TF | FB | 1.0 | 176.6 | | | | | | AA 03600 | | EE B |
| JESON | 010 | JESON | HF | FO | | 266.6 | | | R | | | AA 03600 | | EE A |
| | 010 | JESON | IF | FB | | | | | | | | AA 03600 | | E I |
| | 020 | MIROE | TF | FB | 0.5 | 266.6 | | | | | | AA 02300 | | E F |
| | 021 | JETRO | TF | FB | 0.3 | 266.5 | | 3.00 | | | | AA 01640 GS 01654 | | E S |
| | 030 | RW26 | TF | FO | 0.3 | 266.5 | | 3.00 | | | | AT 00690 | | GY M |
| | 040 | | CA | FB | | 266.5 | | | | | | AA 00852 | | M |
| | 050 | HAGIL | DF | FO | | | | | | | | AA 03500 | | EY |
| | 060 | HAGIL | HM | FO | | 086.3 | | | R | | | AA 03500 | | EE |

POINTS

| POINT NAME | LATITUDE | LONGITUDE |
|------------|------------|-------------|
| COPOL | N360550.22 | W0953656.67 |
| HAGIL | N361134.87 | W0960931.20 |
| HARSO | N361751.22 | W0953703.19 |
| JESON | N361150.73 | W0953659.93 |
| JETRO | N361146.02 | W0954844.15 |
| MIROE | N361147.10 | W0954616.89 |

RUNWAYS

| RUNWAY | THRESHOLD LATITUDE | THRESHOLD LONGITUDE | THRESHOLD ELEVATION | PROCEDURE TCH |
|--------|--------------------|---------------------|---------------------|---------------|
| RW26 | N361144.28 | W0955226.53 | 00633 | 57 |

QUALITY
5
CHECKED

| | | | | |
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