

**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	
UKW VORTAC	RAVYA (TF) (FB) (RNP 2.00)	139.84 / 26.84	4000	LPV: DA LNAV/VNAV: DA LNAV: RW16L CLIMB TO 1200 THEN CLIMBING RIGHT TURN TO 3000 DIRECT OBLON AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NW, RT, 122.08 INBOUND. CHART FAS OBST: 857 TANK 330210N/0972001W. DISTANCE TO THLD FROM 200 HAT: 0.46 NM. CHART VDP AT 1.07 NM TO RW16L* *LNAV ONLY. WAAS CHANNEL # 82541 REFERENCE PATH ID: W16B CHART CIRCLING ICON. LTP HAE: 192.6 M
MQP VORTAC	RAVYA (TF) (FB) (RNP 2.00)	038.61 / 36.49	4000	
RAVYA (IAF)	ARGUE (TF) (FB) (RNP 1.00)	079.37 / 7.49	3000	
ARGUE (IF)	WIGZU (TF) (FB) (RNP 1.00)	166.19 / 6.01	2400	
WIGZU (FAF)	LVLEE/2.50 NM TO RW16L (TF) (FB) (RNP 0.30)	166.20 / 2.59		
(SEE FORM 8260-10)				

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. PROFILE STARTS AT ARGUE
3. FAC: 166.20 FAF: WIGZU DIST FAF TO MAP: 5.09 THLD: 5.09
4. MIN. ALT: ARGUE 3000, WIGZU 2400, LVLEE/2.50 NM TO RW16L 1560*
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
6. MIN GS INCPT: 2400 GS ALT AT: WIGZU 2400 OM: MM: IM:
7. GS ANGLE: 3.00 TCH: 54.6 20:1 IS CLEAR 34:1 IS CLEAR
8. MSA FROM: RW16L 4000

MAG VAR: 4E EPOCH YEAR: 2015

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	923	1800	200	923	1800	200	923	1800	200	923	1800	200	923	1800	200
LNAV/VNAV DA	1016	2400	293	1016	2400	293	1016	2400	293	1016	2400	293	1016	2400	293
LNAV MDA	1120	2400	397	1120	2400	397	1120	3500	397	1120	3500	397	1120	3500	397
CIRCLING	1160	1	437	1320	1	597	1360	1 3/4	637	1380	2	657	1380	2 1/4	657

NOTES:
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -8C (18F) OR ABOVE 54C (130F). @ CAT E 800-2 1/4
 CHART NOTE: CIRCLING NA EAST OF RWY 16L-34R.
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT MQP VORTAC ON V568 SOUTHEAST BOUND.
 (CONTINUED ON PAGE 2)



CITY AND STATE FORT WORTH, TX	ELEVATION: 723 TDZE: 723 AIRPORT NAME: FORT WORTH ALLIANCE	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 16L, AMDT 2, 03/29/2018	SUP: AMDT: 1A DATED 09/18/2014
----------------------------------	--	------------------------------	--	--------------------------------------

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, (CONT.):

<u>FROM</u>	<u>TO</u>	<u>COURSE AND DISTANCE</u>	<u>ALTITUDE</u>
LVLEE	RW16L (MAP) (TF) (FO) (RNP 0.30)	166.20 / 2.50	
RW16L (MAP)	1200 MSL (CA)	166.20	1200
1200 MSL	OBLON (DF) (FO) (RNP 1.00)		3000

NOTES, (CONT.):

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON UKW VORTAC AIRWAY RADIALS 065 CW 184.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE LPV CAT E VISIBILITY TO RVR 4000, LNAV/VNAV ALL CATS VISIBILITY TO RVR 4500 AND LNAV CAT E VISIBILITY TO RVR 6000.



CITY AND STATE FORT WORTH, TX	ELEVATION: 723 AIRPORT NAME: FORT WORTH ALLIANCE	TDZE: 723	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 16L, AMDT 2, 03/29/2018	SUP:
					AMDT: 1A
					DATED: 09/18/2014

**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

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KAFW
RUNWAY	RW16L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W16B
LTP/FTP LATITUDE	330019.5410N
LTP/FTP LONGITUDE	0971917.4965W
LTP/FTP ELLIPSOIDAL HEIGHT	+01926
FPAP LATITUDE	325832.2960N
FPAP LONGITUDE	0971855.5440W
THRESHOLD CROSSING HEIGHT (TCH)	00054.6
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 05E00B7F

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+02204
FPAP ORTHOMETRIC HEIGHT	+02204



CITY AND STATE FORT WORTH, TX	ELEVATION: 723	TDZE: 723	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 16L, AMDT 2, 03/29/2018	SUP:
	AIRPORT NAME: FORT WORTH ALLIANCE				AMDT: 1A
					DATED: 09/18/2014