

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33**

Bearings, headings, courses, tracks 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 feet RVR.

<u>AIRPORT ID</u> KOJA	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 17	<u>ORIGINAL/AMENDMENT</u> 2A	<u>CITY</u> WEATHERFORD	<u>STATE</u> OK		
<u>AIRPORT ELEVATION</u> 1605	<u>TDZE</u> 1605	<u>SUPERSEDED</u> RNAV (GPS) RWY 17	<u>ORIGINAL/AMENDMENT</u> 2	<u>DATED</u> 08/21/2014	<u>MAG VAR</u> 6E	<u>EPOCH YEAR</u> 2005
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 25 FEBRUARY 2021	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TERMINAL ROUTES

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
WAXEY		ROKOY		TF	FO	1.00	024.00	10.53	4000
OLVAE	IAF	ROKOY	NOPT	TF	FB	1.00	244.81	6.03	4000
PANIY	IAF	ROKOY	NOPT	TF	FB	1.00	138.93	9.80	4000
ROKOY	IF/IAF	YUGUY		TF	FB	1.00	173.88	6.47	3400
YUGUY	FAF	HUGUX/2.10 NM TO RW17		TF	FB	0.30	173.88	2.82	
HUGUX/2.10 NM TO RW17		RW17	MAP	TF	FO	0.30	173.88	2.10	
RW17	MAP	1875 MSL		CA			173.88		
1875 MSL		MITZI		DF	FO	1.00			4500

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW17

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 4500 DIRECT MITZI AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD N ROKOY, RT, 173.88 INBOUND, 4000 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAF: 173.88FAF: YUGUYDIST FAF TO MAP: 4.92DIST FAF TO THLD: 4.92

4. MIN ALT: ROKOY 4000, YUGUY 3400, HUGUX/2.10 NM TO RW17 2400*

5. DIST TO THLD FROM OM:MM:IM:150 HAT:270 HAT: 0.60GS ANT:

6. MIN GP INCPT: 3400GP ALT AT FAF : YUGUY 3400OM:MM:IM:

7. GP ANGLE: 3.3434:1: IS NOT CLEAR20:1: IS NOT CLEARTCH: 56.9

8. MSA FROM: RW17 4500

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: RWY 17 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -18°C OR ABOVE 54°C.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT WAXEY ON V210-507 WESTBOUND.
CHART NOTE: STRAIGHT-IN RWY 17 AT NIGHT, CIRCLING RWY 35 AT NIGHT, OPERATIONAL VGSI REQUIRED, REMAIN ON OR ABOVE THE VGSI GLIDEPATH UNTI L THRESHOLD

ADDITIONAL FLIGHT DATA:

*LNAV ONLY
HOLD S, RT, 353.88 INBOUND.
CHART FAS OBST: 1721 TOWER 353254N/0983928W.
WAAS CHANNEL # 82032
REFERENCE PATH ID: W17A
CHART CIRCLING ICON.
LTP HAE: 460.5 M

MINIMUMS:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA ☐ STANDARD - CAT C 800-2 1/4, NA WHEN LOCAL WEATHER NOT AVAILABLE.

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
LPV DA	1875	1	270	1875	1	270	1875	1	270		NA				
LNAV/VNAV DA	1921	1	316	1921	1	316	1921	1	316		NA				
LNAV MDA	2040	1	435	2040	1	435	2040	1 1/4	435		NA				
CIRCLING	2080	1	475	2140	1	535	2380	2 1/4	775		NA				



CHANGES - REASONS

1. RAISED LNAV/VNAV DA/HAT ALL CATS FROM 1904/299 TO 1921/316 AND RAISED LNAV MDA/HAT ALL CATS FROM 1980/375 TO 2040/435 - NEW CONTROLLING OBSTACLE.
2. RAISED LNAV CAT C VISIBILITY FROM 1 TO 1 1/4 - MDA/HAT RAISED, NEW VISCHECK CALCULATION IAW 8260.3D TABLE 3-3-1.
3. REMOVED CHART NOTE: DME/DME RNP-0.3 NA AND ADDED PBN REQUIREMENTS NOTE: RNP APCH - IAW 8260.19H, 8-6-8B(1).
4. ADDED 20:1 IS NOT CLEAR TO LINE 7 - 20:1 PENETRATIONS EXIST.
5. CHANGED CHART NOTE: FROM "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -18°C (0°F) OR ABOVE 54°C (130°F)" TO "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -18°C OR ABOVE 54°C" - (F) VALUES NO LONGER DOCUMENTED.
6. CHANGED CHART NOTE: FROM VISIBILITY REDUCTION BY HELICOPTERS NA TO RWY 17 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED - IAW 8260.19H PARA 3-6-11K(3).
7. FPAP LAT/LONG CHANGED FROM 353140.8530N/0984006.4585W TO 353140.8530N/0984006.4580W, AND CRC REMAINDER CHANGED FROM 3C7EFBA1 TO F638A815 - FPAP LAT/LONG UPDATED/NEW TARGETS EVALUATION.
8. LENGTH OFFSET CHANGED FROM 1200 TO 1192 - NEW PROCEDURE EVALUATION.
9. MOVED BACK-UP ALTIMETER NOTES TO BACK OF -9 AS CONTINGENCY NOTES - IAW 8260.19H 8-6-9F(3).
10. CHANGED CHART FAS OBST: FROM 1729 TREE 353325N/0984051W TO 1721 TOWER 353254N/0983928W - NEW OBSTACLE EVALUATION/ TOWER SURVEY 11/30/2017.
11. CHANGED CHART PLANVIEW NOTE: FROM PROCEDURE NA FOR ARRIVALS AT WAXEY ON V210-507 WESTBOUND AND V140 SOUTHWEST BOUND TO PROCEDURE NA FOR ARRIVALS AT WAXEY ON V210-507 WESTBOUND - WAXEY IS NOT ON V140 ROUTE.
12. ADDED MAX HOLDING 6000 TO ROKOY PROFILE LINE 2 - MAX HOLDING AT ROKOY IS 6000 ON 8260-2.

10/19/2020: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 4/15/2020.

1. DELETED CHART NOTE: NIGHT LANDING RWY 17, 35 OPERATIONAL VGSI REQUIRED, REMAIN ON OR ABOVE VGSI GLIDEPATH UNTIL THRESHOLD.
2. ADDED CHART NOTE: STRAIGHT-IN RWY 17 AT NIGHT, CIRCLING RWY 35 AT NIGHT, OPERATIONAL VGSI REQUIRED, REMAIN ON OR ABOVE THE VGSI GLIDEPATH UNTIL THRESHOLD.

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZFW, AMGR

FLIGHT CHECKED BY

JOHN DAVID KEARBY

Digitally signed by
WARDELL HENNING
Oct 30, 2020

OFFICE
FIOG

DATE
10/14/2020

DEVELOPED BY

WARDELL HENNING (RICHARD CHRISTENSEN)

Digitally signed by
WARDELL HENNING
Oct 30, 2020

OFFICE
AJV-A432

DATE
04/15/2020

APPROVED BY

LONNIE EVERHART

Digitally signed by
WARDELL HENNING
Oct 30, 2020

OFFICE
AJV-A430

DATE

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KOJA
RUNWAY	RW17
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W17A
LTP/FTP LATITUDE	353310.0885N
LTP/FTP LONGITUDE	0984006.6880W
LTP/FTP ELLIPSOIDAL HEIGHT	+04605
FPAP LATITUDE	353140.8530N
FPAP LONGITUDE	0984006.4580W
THRESHOLD CROSSING HEIGHT (TCH)	00056.9
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.34
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1192
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	F638A815

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+04876
FPAP ORTHOMETRIC HEIGHT	+04876

