

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</u> ELTON HENSLEY MEMORIAL	<u>AIRPORT ID</u> KFTT	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 18	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>CITY</u> FULTON	<u>STATE</u> MO
<u>AIRPORT ELEVATION</u> 887	<u>TDZE</u> 881	<u>SUPERSEDED</u> RNAV (GPS) RWY 18	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>DATED</u> 04/28/2016	<u>MAG VAR</u> 1E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2010

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>
MEMAC	IAF	YAKUY	NOPT	TF	FB	1.00	270.00	23.42	3000
HLV VORTAC	IAF	YAKUY	NOPT	TF	FB	1.00	128.96	8.31	3000
YAKUY	IF/IAF	ZENIS		TF	FB	1.00	180.93	6.10	2500
ZENIS	FAF	ZIRAM/2.50 NM TO RW18		TF	FB	0.30	180.92	2.40	
ZIRAM/2.50 NM TO RW18		RW18	MAP	TF	FO	0.30	180.92	2.50	
RW18	MAP	1155 MSL		CA	FO	1.00			
1155 MSL		UYURO		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LPV: DA
 LNAV/VNAV: DA
 LNAV: RW18

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT UYURO AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)

2. HOLD N YAKUY, RT, 180.93 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 180.92 FAF: ZENIS DIST FAF TO MAP: 4.90 DIST FAF TO THLD: 4.90

4. MIN ALT: YAKUY 3000, ZENIS 2500, ZIRAM/2.50 NM TO RW18 1720*

5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 274 HAT: 0.74 GS ANT: MM: IM:

6. MIN GP INCPT: 2500 GP ALT AT FAF : ZENIS 2500 OM:

7. GP ANGLE: 3.00 34:1: IS NOT CLEAR 20:1: IS NOT CLEAR TCH: 42.0

8. MSA FROM: RW18 3100

PBN REQUIREMENTS NOTE:

RNP APCH

NOTES:

CHART NOTE: CIRCLING NA TO RWYS 12 AND 30.
CHART NOTE: CIRCLING RWY 24 NA AT NIGHT.
CHART NOTE: RWY 18 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART NOTE: BARO-VNAV NA.
*LNAV ONLY
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON HLV VORTAC AIRWAY RADIALS 039 CW 219.
CHART NOTE: USE COLUMBIA ALTIMETER SETTING; WHEN NOT RECEIVED USE JEFFERSON CITY ALTIMETER SETTING AND INCREASE ALL DA 62 FEET, ALL MDA 80 FEET, INCREASE LPV AND LNAV/VNAV ALL CATS VISIBILITY 1/4 MILE, LNAV AND CIRCLING CAT C VISIBILITY 1/4 MILE.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C OR ABOVE 54C.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
WAAS CHANNEL #42611
REFERENCE PATH ID: W18A
CHART FAS OBST: 1244 TOWER 385242N/0915855W.
CHART 1302 TOWER 385430N/0915924W.
HOLD S, RT, 000.92 INBOUND
LTP HAE: 235.1 M

MINIMUMS:

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

ALTERNATE: NA ☒

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	1155	1	274	1155	1	274	1155	1	274		NA				
LNAV/VNAV DA	1313	1 1/2	432	1313	1 1/2	432	1313	1 1/2	432		NA				
LNAV MDA	1520	1	639	1520	1	639	1520	1 3/4	639		NA				
CIRCLING	1520	1	633	1520	1	633	1560	2	673		NA				



CHANGES - REASONS

- CHART NOTE: NIGHT LANDING: RWY 6, 24 NA CHNAGED TO CIRCLING RWY 24 NA AT NIGHT. - 20:1 PENETRATIONS.
- CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA, CHANGED TO RWY 18 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
- CRC REMAINDER CHANGED FROM 94883976 TO 7898ADC9. - FAS DATA UPDATED WITH NEW AIRNAV DATA: LTP CHANGED FROM 385027.5915N/0915959.5350W TO 385027.5795N/0915959.5290W. FPAP CHANGED FROM 384858.4500N/0920003.3600W TO 384858.4435N/0920003.3460W. LTP ELLIPSOIDAL HEIGHT CHANGED FROM +02350 TO +02351. LTP/PFAP ORTHOMETRIC HEIGHT CHANGED FROM +02673 TO +02674.
- ADDED CHART CIRCLING ICON. - TO MATCH VOR-A PUBLISHED WITH NEW CIRCLING.
- CMDA CHANGED FROM CAT A/B: 1520/1/634, CAT C: 1520/1 3/4/634 TO CAT A/B: 1520/1/633, CAT C: 1560/2/673. NEW AIRNAV DATA, AND MATCH PUBLISHED VOR-A NEW CIRCLING.
- ADDED 20:1 IS NOT CLEAR. - 20:1 PENETRATIONS
- AIRPORT ELEVATION CHANGED FROM 886 TO 887. - NEW AIRNAV DATA.
- ADDED PBN EQUIPMENT REQUIREMENT NOTE: RNP APCH. - IAW 8260.19 8-6-8.
- REMOVE CHART NOTE DME/DME RNP -0.3, ADD PBN EQUIPMENT REQUIREMENT NOTES: RNP APCH. - IAW 8260.19 8-6-8.
- CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT HLV VORTAC VIA T272 WESTBOUND AND V175 NORTHBOUND CHANGED TO PROCEDURE NA FOR ARRIVAL ON HLV VORTAC AIRWAY RADIALS 039 CW 219. - IAW 8260.19
- CA LEG ADDED TO TERMINAL ROUTE. - IAW 8260.58. 3-5-2.
- INTERMEDIATE TERMINAL ROUTE RNP CODE CHANGED FROM 0.50 TO 1.00. - IAW 8260.19, 4-6-10

THIS AMENDMENT CANCELS FDC NOTAM 8/0607.



<u>AIRPORT</u> ELTON HENSLEY MEMORIAL	<u>AIRPORT ID</u> KFTT	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 18	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>CITY</u> FULTON	<u>STATE</u> MO
<u>COORDINATED WITH:</u>					
A4A <input type="checkbox"/> ALPA <input checked="" type="checkbox"/> AOPA <input checked="" type="checkbox"/> APA <input type="checkbox"/> HAI <input type="checkbox"/> NBAA <input checked="" type="checkbox"/> <u>OTHER:</u> MIZZU APP CON, ZKC, AMGR					
<u>FLIGHT CHECKED BY</u>		<u>OFFICE</u>	<u>DATE</u>		
<u>DEVELOPED BY</u>		<u>OFFICE</u>	<u>DATE</u>		
LEO PALMER		AJV-5421	06/25/2018		
<u>APPROVED BY</u>		<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>	
JULIE MORGAN		AJV-5420		MANAGER	



FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KFTT
RUNWAY	RW18
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W18A
LTP/FTP LATITUDE	385027.5795N
LTP/FTP LONGITUDE	0915959.5290W
LTP/FTP ELLIPSOIDAL HEIGHT	+02351
FPAP LATITUDE	384858.4435N
FPAP LONGITUDE	0920003.3460W
THRESHOLD CROSSING HEIGHT (TCH)	00042.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1528
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	0BBDD3C8
ADDITIONAL PATH POINT RECORD INFORMATION	
ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+02674
FPAP ORTHOMETRIC HEIGHT	+02674



FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

<u>AIRPORT</u>	<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
ELTON HENSLEY MEMORIAL	KFTT	RNAV (GPS) RWY 18	ORIG-B	FULTON	MO	887	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

INITIAL

FROM
MEMAC

TO
YAKUY

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>				
	23.42										
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
1.TOWER (29-000445)	390130.00N/0915508.00W	1194	250	50	4D	1000				AT806	3000
2.TERRAIN	390239.00N/0920000.00W	945 (900)								AS1500	2400

COMPUTATIONS

<u>ALT</u>	<u>KIAS</u>	<u>KTAS</u>	<u>HAA</u>	<u>VKTW</u>	<u>TR</u>	<u>BA</u>	<u>DTA</u>	<u>COURSE CHANGE</u>	<u>DVEB</u>	<u>VEB OCS</u>	<u>RF CENTER FIX/DISTANCE</u>
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SEGMENT
REMARKS:

INITIAL

FROM
HLV VORTAC

TO
YAKUY

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>				
	8.31										
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
3.AAO (KC-S-0135)	390304.50N/0920533.80W	1170	1000	3	6A	1000				AT830	3000
4.TERRAIN	390304.50N/0920533.80W	970 (1000)								AS1500	2500

COMPUTATIONS

<u>ALT</u>	<u>KIAS</u>	<u>KTAS</u>	<u>HAA</u>	<u>VKTW</u>	<u>TR</u>	<u>BA</u>	<u>DTA</u>	<u>COURSE CHANGE</u>	<u>DVEB</u>	<u>VEB OCS</u>	<u>RF CENTER FIX/DISTANCE</u>
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SEGMENT
REMARKS:



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NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

BACKUP ALTIMETER SOURCE PUBLISHED BY NOTE.

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

MIZZU APP CON, ZKC ARTCC, COU FSS

<u>WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>SERVICE-A</u>	<u>ADJUSTMENTS</u>
ASOS	KCOU	24	KCOU	10.22	Y	24
<u>BACK-UP WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>SERVICE-A</u>	<u>ADJUSTMENTS</u>
ASOS	KJEF	24	KJEF	16.465	N	86

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
KFTT 887, KCOU 889
RA = 23.9

RASS PRESSURE PATTERNS THE SAME
KFTT 887, KJEF 549
RA = 85.1

<u>PRIMARY NAVAID</u>	<u>MONITOR POINT</u>	<u>HRS OPERATION</u>	<u>CAT</u>
<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>		<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
RW06 - MIRL, PAPI-2L (PCL)		NPI-G	
RW18 - MIRL, REIL, PAPI-4L		NPI-G	
RW24 - MIRL, PAPI-2L (PCL)		NPI-G	
RW36 - MIRL, REIL, PAPI-4L		NPI-G	

<u>GLIDESLOPE ANGLE</u>	<u>ELEV RWY THRESHOLD</u>	<u>TCH</u>	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u>	<u>TCH</u>
3.00	877.4	42.0			3.00	42.0

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	<input checked="" type="checkbox"/>	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	<input checked="" type="checkbox"/>	FT FROM CENTERLINE	

CRITICAL TEMPERATURES

<u>CRITICAL LOW</u>	<u>CRITICAL HIGH</u>	<u>ACT</u>	<u>APT ISA</u>
-16C (+4F)	+54C (+130F)	-16C	+13.24C

CRITICAL TEMPERATURE REMARKS:

AVERAGE COLD TEMPERATURE DERIVED FROM STANDARD 13C ISA DEVIATION.
CRITICAL LOW TEMPERATURE BASED ON ACT.
DESCENT RATE (FPM): STANDARD TEMP 827 HIGH TEMP 1121.



PART D: AIRSPACE

DOCKET #

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	THLD	TO 1000FT POINT	3.08
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.69
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	181.92
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	939
DISTANCE FROM	THLD	TO 1500FT POINT	4.70
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	2.00
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	181.92
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	939

THRESHOLD
COORDINATES
(IF STR-IN)385027.58N/0915959.53W

ARP COORDINATES385017.20N/0920009.30W

RUNWAY APCH END
AND DIST FURTHEST
FROM ARP RUNWAY 36 DISTANCE 0.50 NM

FAF
COORDINATES385521.58N/0915946.92W

FIX NAME
COORDINATES

REMARKS

NO ADDITIONAL AIRSPACE REQUIRED.



<u>AIRPORT</u>	<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
ELTON HENSLEY MEMORIAL	KFTT	RNAV (GPS) RWY 18	ORIG-B	FULTON	MO	887	RNAV

PART E: PREPARED BY

<u>NAME</u>	<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>
LEO PALMER	AJV-5421	06/25/2018	AERONAUTICAL INFORMATION SPECIALIST

