# 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.

AIRPORT ID KUOX	PROCEDURE NAME RNAV (GPS) RWY 9	ORIGINAL/AMENDMENT 2	CITY OXFOR		STATE MS	
AIRPORT ELEVATION	<u>TDZE</u>	<u>SUPERSEDED</u>	ORIGINAL/AMENDMENT 1	<u>DATED</u>	MAG VAR	EPOCH YEAR
452	418	RNAV (GPS) RWY 9		11/13/2014	1W	2015

**FACILITY COORDINATES OF FACILITIES ACTUAL EFFECTIVE DATE** REQUIRED EFFECTIVE DATE **CANCEL/SUSPEND RNAV** 

5 OCTOBER 2023 ROUTINE

**TAA** 

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 002/30 CW 182/30	NOPT	JODIB	IF/IAF	2800
2. 182/30 CW 272/30		RCHEY	IAF	2800
3. 272/30 CW 002/30		ELLII	IAF	2800

# **TERMINAL ROUTES**

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
RCHEY	IAF	JODIB	NOPT	TF	FB	1.00	181.71	6.30	2800
ELLII	IAF	JODIB	NOPT	TF	FB	1.00	001.71	6.30	2800
JODIB	IF/IAF	ETEEN		TF	FB	1.00	091.71	6.00	2000
ETEEN	FAF	MNING/2.35 NM TO RW09		TF	FB	0.30	091.77	2.51	
MNING/2.35 NM TO RW09		RW09	MAP	TF	FO	0.30	091.77	2.35	
RW09	MAP	618 MSL		CA			091.77		
618 MSL		GROVV		DF	FO	1.00			2800

AIRPORT ID<br/>KUOXPROCEDURE NAME<br/>RNAV (GPS) RWY 9ORIGINAL/AMENDMENT<br/>2CITY<br/>OXFORDSTATE<br/>OXFORD

MISSED APPROACH

MAP:

LPV: DA LNAV/VNAV: DA LNAV: RW09

**MISSED APPROACH INSTRUCTIONS:** 

CLIMB TO 2800 DIRECT GROVV AND HOLD.

#### **ALTERNATE MISSED APPROACH INSTRUCTIONS:**

PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)

2. HOLD W JODIB, RT, 091.71 INBOUND, 2800 FT. IN LIEU OF PT (IAF), MAX 6000.

**3. FAC:** 091.77 **FAF:** ETEEN **DIST FAF TO MAP:** 4.86 **DIST FAF TO THLD:** 4.86

**4. MIN ALT:** JODIB 2800, ETEEN 2000, MNING/2.35 NM TO RW09 1200

5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 200 HAT: 0.52 GS ANT:

**6. MIN GP INCPT**: 2000 **GP ALT AT PFAF**: ETEEN 2000 **OM**: **MM**: **IM**:

**7. GP ANGLE**: 3.00 **34:1**: IS CLEAR **20:1**: IS CLEAR **TCH**: 40.1

8. MSA FROM:

#### PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

# NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C OR ABOVE 54°C.

# **ADDITIONAL FLIGHT DATA:**

HOLD E, RT, 271.96 INBOUND.
CHART FAS OBST: 599 TREE (28-042472) 342325N/0893515W.
CHART VDP AT 1.27 NM TO RW09.
WAAS CHANNEL # 77800
REFERENCE PATH ID: W09A
CHART CIRCLING ICON.
LTP HAE: 99.1 M

AIRPORT ID<br/>KUOXPROCEDURE NAME<br/>RNAV (GPS) RWY 9ORIGINAL/AMENDMENT<br/>2CITY<br/>OXFORDSTATE<br/>OXFORD

MINIMUMS:

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

ALTERNATE: NA STANDARD - CAT C 1000-2 3/4, CAT D 1000-3, NA WHEN LOCAL WEATHER NOT AVAILABLE.

CATEGORY:	Α		В		С			D			E				
FINAL TYPE	DA/MDA	<u>VIS</u>	HAT/HAA	<u>DA/MDA</u>	<u>VIS</u>	HAT/HAA	DA/MDA	<u>VIS</u>	HAT/HAA	DA/MDA	<u>VIS</u>	HAT/HAA	<u>DA/MDA</u>	<u>VIS</u>	HAT/HAA
LPV DA	618	3/4	200	618	3/4	200	618	3/4	200	618	3/4	200			
LNAV/VNAV DA	940	1/2	522	940	1 1/2	522	940	1 1/2	522	940	1 1/2	522			
LNAV MDA	860	1	442	860	1	442	860	1 3/8	442	860	1 3/8	442			
CIRCLING	980	1	528	1060	1	608	1380	2 3/4	928	1380	3	928			

### **CHANGES - REASONS**

- 1. TERMINAL ROUTES: REDESIGNED TAA BY ADDING ELLII AND RCHEY IAFS PER IFP/ATC CHECKLIST REQUEST.
- 2. TERMINAL ROUTES: FAF IBIYA RENAMED TO ETEEN PER IFP/ATC CHECKLIST REQUEST.
- 3. TERMINAL ROUTES: CHANGED SDF FROM "ZERSU/2.40 NM TO RW27" TO "MNING/2.35 NM TO RW27" FIX RENAMED, DISTANCE CHANGED DUE TO SDF MOVING BASED ON VDA/TCH.
- 4. TERMINAL ROUTES: FAF TO SDF SEGMENT DISTANCE CHANGED FROM 2.46 TO 2.51 SDF MOVED BASED ON VDA/TCH.
- 5. TERMINAL ROUTES: SDF TO MAP SEGMENT DISTANCE CHANGED FROM 2.40 TO 2.35 SDF MOVED BASED ON VDA/TCH.
- 6. TERMINAL ROUTES: CHANGED CA ALTITUDE FROM "852 MSL" TO "618 MSL" BASED ON LPV MINIMA.
- 7. TERMINAL ROUTES: FIX FOVAB RENAMED TO GROVV PER IFP/ATC CHECKLIST REQUEST.
- 8. PROFILE LINE 2: CHANGED FROM "HOLD W JODIB, RT, 091.71 INBOUND, 2800 FT. IN LIEU OF PT (IAF)" TO "HOLD W JODIB, RT, 091.71 INBOUND, 2800 FT. IN LIEU OF PT (IAF), MAX 6000" IAW 8260.19I, 8-6-7, B(2).
- 9. PROFILE LINE 3: CHANGED FAF FROM IBIYA TO ETEEN FIX RENAMED PER IFP/ATC CHECKLIST REQUEST.
- 10. PROFILE LINE 4: CHANGED MIN ALT FROM "JODIB 2800, IBIYA 2000, ZERSU/2.40 NM TO RW09 1200\*" TO "JODIB 2800, ETEEN 2000, MNING/2.35 NM TO RW09 1200" FIXES RENAMED PER IFP/ATC CHECKLIST REQUEST.
- 11. PROFILE LINE 5: ADDED 200 HAT: 0.52 AND REMOVED "DISTANCE TO THLD FROM 250 HAT: 0.80 NM" FROM ADDITIONAL FLIGHT DATA PER 8260.19I, PARA 8-6-7E(3).
- 12. PROFILE LINE 6: CHANGED GP ALT AT PFAF FROM "IBIYA 2000" TO "ETEEN 2000" FIX RENAMED PER IFP/ATC CHECKLIST REQUEST.
- 13. PROFILE LINE 7: ADDED 20:1 IS CLEAR NO PENETRATIONS EXIST.
- 14. PROFILE LINE 7: CHANGED TCH FROM 40.0 TO 40.1 MATCHED THE VGSI TCH.
- 15. PBN REQUIREMENTS NOTE: ADDED "RNP APCH GPS" AND REMOVED "DME/DME RNP-0.3 NA" FROM NOTES PER 8260.19I PARA 8-6-8 B(2).
- 16. MOVED BACKUP ALTIMETER NOTE AND VDP NOTE FROM 8260-3 TO 8260-9 PART C: GENERAL REMARKS AS CONTINGENCY NOTE 8260.191, 8-6-9F(3).
- 17. CHANGED CHART NOTE FROM "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C (5°F) OR ABOVE 54°C (130°F)" TO "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C OR ABOVE 54°C" FAHRENHEIT VALUES NO LONGER REQUIRED, NEW EVALUATION WITH UPDATED CRITICAL TEMPERATURES.
- 18. ADDITIONAL FLIGHT DATA: ADDED ID TO "CHART FAS OBST: 599 TREE (28-042472) 342325N/0893515W" PER CURRENT CRITERIA REQUIREMENT.
- 19. ADDITIONAL FLIGHT DATA: REMOVED 7:1 "699 AAO 342351N/0893856W" NO LONGER PERTAINING TO PROCEDURE.
- 20. ADDITIONAL FLIGHT DATA: REMOVED "\*LNAV ONLY" AND CHANGED FROM "CHART VDP AT 1.28 NM TO RW09\*" TO "CHART VDP AT 1.27 NM TO RW09" NO LONGER REQUIRED PER CURRENT CRITERIA, VDP CHANGE BASED ON 8260.3E FORMULA 2-6-5.
- 21. ADDITIONAL FLIGHT DATA: CHANGED LTP HAE FROM 99.2 M TO 99.1 M LTP/FTP ELLIPSOIDAL HEIGHT CHANGED FROM "+00992" TO "+00991".
- 22. CHANGED ALTERNATE MINIMUMS FROM "STANDARD CAT C 1000-2 3/4, CAT D 1000-3, NA WHEN LOCAL WEATHER NOT AVAILABLE" TO "STANDARD CAT C 900-2 1/2, CAT D 900-2 3/4, NA WHEN LOCAL WEATHER NOT AVAILABLE" PER 8260.19I, 8-6-11B(5)&(6).
- 23. CHANGED LPV ALL CATS DA/HAT FROM 668/250 TO 618/200 LPV ASC.
- 24. CHANGED LNAV/VNAV ALL CATS DA/HAT FROM 872/454 TO 940/522 NEW CONTROLLING OBSTACLE.
- 25. FAS DATA BLOCK: CRC REMAINDER CHANGED FROM "B1A92598" TO "32A0A53E" LTP/FTP COORDINATES CHANGED FROM "342304.0005N/0893245.8630W" TO "342304.0015N/0893245.8630W" AND FPAP COORDINATES FROM "342302.6950N/0893058.2190W" TO "342302.6965N/0893058.2190W".
- 26. FAS DATA BLOCK: THRESHOLD CROSSING HEIGHT (TCH) CHANGED FROM 00040.0 TO 00040.1 MATCHED THE VGSI TCH.
- 27. FAS DATA BLOCK: VERTICAL ALERT LIMIT CHANGED FROM 50.0 TO 35.00 LPV HAT CHANGED FROM 250 TO 200.



**COORDINATED WITH:** A4A X ALPA X AOPA X APA HAI 🗌 NBAA X **OTHER:** ZME, AIRPORT MGR Digitally signed by **FLIGHT CHECKED BY OFFICE** DATE CASIMIR L TABAKA ROBERT E WILLIAMS FPO 08/04/2023 Aug 08, 2023 **DEVELOPED BY** Digitally signed by **OFFICE** DATE CASIMIR L. TABAKA (SILVIA YOUNG) AJV-A432 03/31/2023 CASIMIR L TABAKA Jun 21, 2023 TITLE APPROVED BY **OFFICE DATE** Digitally signed by **CASIMIR TABAKA** AJV-A432 MANAGER CASIMIR L TABAKA

ORIGINAL/AMENDMENT 2

<u>CITY</u> OXFORD STATE MS

PROCEDURE NAME

RNAV (GPS) RWY 9

Jun 21, 2023

AIRPORT ID

KUOX

**FAS DATA BLOCK INFORMATION DATA DATA FIELD OPERATION TYPE** 0 SBAS SERVICE PROVIDER IDENTIFIER 0 AIRPORT IDENTIFIER KUOX **RUNWAY** RW09 APPROACH PERFORMANCE DESIGNATOR 0 **ROUTE INDICATOR** REFERENCE PATH DATA SELECTOR 0 REFERENCE PATH IDENTIFIER (APPROACH ID) W09A LTP/FTP LATITUDE 342304.0015N LTP/FTP LONGITUDE 0893245.8630W LTP/FTP ELLIPSOIDAL HEIGHT +00991 FPAP LATITUDE 342302.6965N **FPAP LONGITUDE** 0893058.2190W THRESHOLD CROSSING HEIGHT (TCH) 00040.1 F TCH UNITS SELECTOR (METERS OR FEET USED) **GLIDEPATH ANGLE (GPA)** 03.00 **COURSE WIDTH AT THRESHOLD** 106.75 **LENGTH OFFSET** 1040 HORIZONTAL ALERT LIMIT (HAL) 40.0 **VERTICAL ALERT LIMIT (VAL)** 35.0 **CRC REMAINDER** 32A0A53E ADDITIONAL PATH POINT RECORD INFORMATION ICAO CODE K7 LTP ORTHOMETRIC HEIGHT +01258

PROCEDURE NAME

RNAV (GPS) RWY 9

+01258

**AIRPORT ID** 

**KUOX** 

**FPAP ORTHOMETRIC HEIGHT** 

ORIGINAL/AMENDMENT

<u>CITY</u>

**OXFORD** 

**STATE** 

MS