

**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> OXC	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 18	<u>ORIGINAL/AMENDMENT</u> 4	<u>CITY</u> OXFORD	<u>STATE</u> CT
<u>AIRPORT ELEVATION</u> 730	<u>TDZE</u> 730	<u>SUPERSEDED</u> RNAV (GPS) RWY 18	<u>ORIGINAL/AMENDMENT</u> 3	<u>DATED</u> 01/03/2019
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 7 AUGUST 2025	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 14W
				<u>EPOCH YEAR</u> 1995
				<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>
PAWLN		MOONI		TF	FB	1.00	137.44	15.03	3100
MOONI	IAF	WEXNO	NOPT	TF	FB	1.00	094.68	6.83	2900
BISCO	IAF	WEXNO	NOPT	TF	FB	1.00	274.87	6.80	2900
WEXNO	IF/IAF	ARQEB		TF	FB	1.00	184.76	5.48	2200
ARQEB	FAF	GICEN/2.52 NM TO RW18		TF	FB	0.30	184.76	1.95	
GICEN/2.52 NM TO RW18		RW18	MAP	TF	FO	0.30	184.76	2.52	
RW18	MAP	1130 MSL		CA			184.76		
1130 MSL		CUTMA		DF	FO	1.00			2600

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW18

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2600 DIRECT CUTMA AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT** **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF (IAF)**
- HOLD N WEXNO, RT, 184.76 INBOUND, 2900 FT. IN LIEU OF PT (IAF), MAX 6000.
- FAC:** 184.76 **FAF:** ARQEB **DIST FAF TO MAP:** 4.47 **DIST FAF TO THLD:** 4.47
- MIN ALT:** WEXNO 2900, ARQEB 2200, GICEN/2.52 NM TO RW18 1580
- DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **410 HAT:** 1.14 **GS ANT:**
- MIN GP INCPT:** 2200 **GP ALT AT PFAF:** ARQEB 2200 **OM:** **MM:** **IM:**
- GP ANGLE:** 3.00 **34:1:** IS NOT CLEAR **20:1:** IS CLEAR **TCH:** 47.0
- MSA FROM:** RW18 3100



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 18 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17°C OR ABOVE 54°C.
 CHART NOTE: BARO-VNAV AND VDP NA WHEN USING DXR ALTIMETER SETTING.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT PAWLN ON T314 SOUTHWEST BOUND AND T705 NORTHWEST BOUND.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT MOONI ON V167 WESTBOUND, V34 NORTHWEST BOUND, AND V39-V91-V487 NORTHBOUND.
 CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE DXR ALTIMETER SETTING: INCREASE LPV DA TO 1218 FEET AND ALL VISIBILITIES 1/4 SM; INCREASE LNAV/VNAV DA TO 1219 FEET AND ALL VISIBILITIES 1/4 SM; INCREASE ALL MDAS 80 FEET AND LNAV VISIBILITY CAT C AND D 3/8 SM, AND CIRCLING VISIBILITY CAT C AND D 1/4 SM.

ADDITIONAL FLIGHT DATA:

HOLD S, RT, 004.82 INBOUND.
 CHART FAS OBST: 980 TREE (09-043137) 412922N/0730727W.
 CHART 1025 TREE (09-043373) 413200N/0730809W.
 CHART VDP AT 1.45 NM TO RW18.
 WAAS CHANNEL # 42901
 REFERENCE PATH ID: W18A
 CHART CIRCLING ICON.
 LTP HAE: 193.2 M

MINIMUMS:

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

ALTERNATE: NA STANDARD - CAT D 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	1140	1 1/8	410	1140	1 1/8	410	1140	1 1/8	410	1140	1 1/8	410				
LNAV/VNAV DA	1141	1 1/8	411	1141	1 1/8	411	1141	1 1/8	411	1141	1 1/8	411				
LNAV MDA	1240	1	510	1240	1	510	1240	1 3/8	510	1240	1 3/8	510				
CIRCLING	1360	1	630	1360	1	630	1380	1 3/4	650	1460	2 1/4	730				



CHANGES - REASONS

1. TERMINAL ROUTES: REMOVED PWL VOR/DME FEEDER WITH ITS ASSOCIATED NOTES - PWL VOR MON PROGRAM.
2. TERMINAL ROUTES: ADDED PAWLN FEEDER - PER ATC REQUEST.
3. TERMINAL ROUTES: CHANGED MOONI TO WEXNO INITIAL SEGMENT ALTITUDE FROM 3000 TO 2900 - PER ATC REQUEST.
4. TERMINAL ROUTES: CHANGED BISCO TO WEXNO INITIAL SEGMENT COURSE FROM 270.10 TO 274.87, DISTANCE FROM 6.52 TO 6.80 AND ALTITUDE FROM 3000 TO 2900 - BISCO FIX RELOCATED PER ATC REQUEST.
5. TERMINAL ROUTES: CHANGED IF SEGMENT DISTANCE FROM 5.45 TO 5.48 - FAF RELOCATED BASED ON GPA/TCH.
6. TERMINAL ROUTES: CHANGED FROM "GICEN/2.55 NM TO RW18" TO "GICEN/2.52 NM TO RW18" - SDF RELOCATED BASED ON GPA/TCH.
7. TERMINAL ROUTES: CHANGED FAF TO SDF SEGMENT COURSE FROM 184.77 TO 184.76 AND DISTANCE FROM 1.94 TO 1.95 - FAF AND SDF RELOCATED BASED ON GPA/TCH.
8. TERMINAL ROUTES: CHANGED SDF TO MAP SEGMENT COURSE FROM 184.77 TO 184.76 AND DISTANCE FROM 2.55 TO 2.52 - SDF RELOCATED BASED ON GPA/TCH.
9. TERMINAL ROUTES: CHANGED CA LEG COURSE FROM 184.77 TO 184.76 - ALIGNED TO FAC.
10. MISSED APPROACH INSTRUCTIONS: CHANGED FROM "CLIMB TO 2500 DIRECT CUTMA AND HOLD" TO "CLIMB TO 2600 DIRECT CUTMA AND HOLD" - MATCHED THE HOLDING ALTITUDE ON RNAV (GPS) RWY 36 AND ILS OR LOC RWY 36.
11. PROFILE LINE 3: CHANGED FAC FROM 184.77 TO 184.76 - FAF RELOCATED BASED ON GPA/TCH.
12. PROFILE LINE 3: CHANGED DIST FAF TO MAP AND DIST FAF TO THLD FROM 4.48 TO 4.47 - FAF RELOCATED BASED ON GPA/TCH.
13. PROFILE LINE 4: CHANGED MIN ALT FROM "WEXNO 3000, ARQEB 2200, GICEN/2.55 NM TO RW18 1580*" TO "WEXNO 2900, ARQEB 2200, GICEN/2.52 NM TO RW18 1580" - FAF AND SDF RELOCATED BASED ON GPA/TCH.
14. PROFILE LINE 5: CHANGED FROM "414 HAT: 1.15" TO "410 HAT: 1.14" - FAF RELOCATED BASED ON GPA/TCH.
15. PBN REQUIREMENTS NOTE: CHANGED FROM "RNP APCH" TO "RNP APCH - GPS" - PER 8260.19J, PARA 8-6-8D(1).
16. ADDED CHART NOTE "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE DXR ALTIMETER SETTING AND INCREASE LPV DA TO 1218 FEET AND ALL VISIBILITIES 1/4 SM; INCREASE LNAV/VNAV DA TO 1219 FEET AND ALL VISIBILITIES 1/4 SM; INCREASE ALL MDAS 80 FEET AND LNAV VISIBILITY CAT C/D 3/8 SM, AND CIRCLING VISIBILITY CAT C/D 1/4 SM" - BACK-UP ALTIMETER NOTE PUBLISHED PERMANENTLY PER ZBW.
17. ADDED CHART NOTE "BARO-VNAV AND VDP NA WHEN USING DXR ALTIMETER SETTING" - PER 8260.19J, PARA 8-6-10E(8)&(9).
18. CHANGED CHART NOTE "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C" TO "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17°C OR ABOVE 54°C" - NEW EVALUATION WITH UPDATED CRITICAL TEMPERATURES.
19. ADDED CHART PLANVIEW NOTE "PROCEDURE NA FOR ARRIVALS AT PAWLN ON T314 SOUTHWEST BOUND AND T705 NORTHWEST BOUND" - TURN EXCEEDS 90 DEGREES.
20. CHANGED CHART PLANVIEW NOTE FROM "PROCEDURE NA FOR ARRIVALS AT MOONI ON V58-167 WESTBOUND, V34 NORTHWEST BOUND AND V91-487 NORTHBOUND" TO "PROCEDURE NA FOR ARRIVALS AT MOONI ON V167 WESTBOUND, V34 NORTHWEST BOUND AND V39-V91-V487 NORTHBOUND" - TURN EXCEEDS 90 DEGREES.
21. ADDITIONAL FLIGHT DATA: REMOVED "LNAV ONLY" - NO LONGER REQUIRED.
22. ADDITIONAL FLIGHT DATA: REMOVED "*" FROM "CHART VDP AT 1.45 NM TO RW18" - NO LONGER REQUIRED.
23. ADDITIONAL FLIGHT DATA: ADDED ID (09-043137) TO CHART FAS OBST - PER CURRENT CRITERIA STANDARDS DOCUMENTATION.
24. ADDITIONAL FLIGHT DATA: ADDED 7:1 OBSTACLE "CHART 1025 TREE (09-043373) 413200N/0730809W" - NEW OBSTACLE EVALUATION.
25. CHANGED ALTERNATE MINS FROM "STANDARD - CAT D 800-2 1/4" TO "STANDARD - CAT D 800-2 1/4, NA WHEN LOCAL WEATHER NOT AVAILABLE" - PER 8260.19J, PARA 8-6-12B(4).
26. CHANGED CIRCLING CATS A AND B MDA/HAA FROM 1300/570 TO 1360/630 - NEW CONTROLLING OBSTACLE.
27. CRC REMAINDER CHANGED FROM "B8776E44" TO "2FB49433" - FPAP COORDINATES CHANGED FROM "412742.0975N/0730753.7775W" TO "412742.0995N/0730753.7600W".

COORDINATED WITH:

A4A
 ALPA
 AOPA
 APA
 HAI
 NBAA
OTHER: ZBW, NYC APP CON, OXC ATCT, AMGR

FLIGHT CHECKED BY

MICHAEL G CAMPBELL

Digitally signed by

CASIMIR L TABAKA

May 08, 2025

OFFICE

AJF

DATE

05/07/2025

DEVELOPED BY

CASIMIR L. TABAKA (SILVIA YOUNG)

Digitally signed by

CASIMIR L TABAKA

Apr 07, 2025

OFFICE

AJV-A432

DATE

01/30/2025

APPROVED BY

CASIMIR L. TABAKA

Digitally signed by

CASIMIR L TABAKA

Apr 07, 2025

OFFICE

AJV-A432

DATE

TITLE

MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KOXC
RUNWAY	RW18
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W18A
LTP/FTP LATITUDE	412910.0910N
LTP/FTP LONGITUDE	0730812.7680W
LTP/FTP ELLIPSOIDAL HEIGHT	+01932
FPAP LATITUDE	412742.0995N
FPAP LONGITUDE	0730753.7600W
THRESHOLD CROSSING HEIGHT (TCH)	00047.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0984
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER 2FB49433

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+02225
FPAP ORTHOMETRIC HEIGHT	+02225

