

**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><b>AIRPORT ID</b></u> KHNZ	<u><b>PROCEDURE NAME</b></u> RNAV (GPS) RWY 6	<u><b>ORIGINAL/AMENDMENT</b></u> 2	<u><b>CITY</b></u> OXFORD	<u><b>STATE</b></u> NC		
<u><b>AIRPORT ELEVATION</b></u> 526	<u><b>TDZE</b></u> 526	<u><b>SUPERSEDED</b></u> RNAV (GPS) RWY 6	<u><b>ORIGINAL/AMENDMENT</b></u> 1	<u><b>DATED</b></u> 03/05/2015	<u><b>MAG VAR</b></u> 9W	<u><b>EPOCH YEAR</b></u> 2015
<u><b>FACILITY</b></u> RNAV	<u><b>COORDINATES OF FACILITIES</b></u>	<u><b>ACTUAL EFFECTIVE DATE</b></u>	<u><b>REQUIRED EFFECTIVE DATE</b></u> ROUTINE	<u><b>CANCEL/SUSPEND</b></u>		

**TAA**

<b>FROM</b>	<b>FIX TYPE</b>	<b>TO</b>	<b>FIX TYPE</b>	<b>ALTITUDE</b>
1. 330/30 CW 150/30	NOPT	330/25 CW 150/25		3100
2. 330/25 CW 150/25		KOVPE	IF/IAF	3000
3. 150/30 CW 240/30		YETVU	IAF	3000
4. 240/30 CW 330/30		240/25 CW 330/25		3300
5. 240/25 CW 330/25		WEGIT	IAF	3000

**TERMINAL ROUTES**

<b>FROM</b>	<b>FIX TYPE</b>	<b>TO</b>	<b>FIX TYPE</b>	<b>LEG TYPE</b>	<b>FO/FB</b>	<b>RNP</b>	<b>COURSE</b>	<b>DISTANCE</b>	<b>ALTITUDE</b>
YETVU	IAF	KOVPE	NOPT	TF	FB	1.00	149.98	9.00	3000
WEGIT	IAF	KOVPE	NOPT	TF	FB	1.00	330.11	9.00	3000
KOVPE	IF/IAF	UCELU		TF	FB	1.00	060.05	5.96	2500
UCELU	FAF	HAXEG/2.00 NM TO RW6		TF	FB	0.30	060.14	4.04	
HAXEG/2.00 NM TO RW6		RW6	MAP	TF	FO	0.30	060.14	2.00	
RW6	MAP	810 MSL		CA			060.14		
810 MSL		VEKUC		DF	FO	1.00			3000

MISSED APPROACH

MAP:  
LPV: DA  
LNAV/VNAV: DA  
LNAV: RW6

MISSED APPROACH INSTRUCTIONS:  
CLIMB TO 3000 DIRECT VEKUC AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. HOLD SW KOVPE, RT, 060.05 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000.					
3. FAC: 060.14	FAF: UCELU		DIST FAF TO MAP: 6.04		DIST FAF TO THLD: 6.04
4. MIN ALT: KOVPE 3000, UCELU 2500, HAXEG/2.00 NM TO RW6 1200					
5. DIST TO THLD FROM FAF: 6.04	MM:	IM:	150 HAT:	284 HAT: 0.73	GS ANT:
6. MIN GP INCPT: 2500	GP ALT AT FAF : UCELU 2500		OM:		MM:
7. GP ANGLE: 3.00	34:1: IS NOT CLEAR	20:1: IS CLEAR	TCH: 53.3		IM:
8. MSA FROM:					

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C.  
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).  
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ROXBORO ALTIMETER SETTING: INCREASE ALL DA TO 875 FEET AND ALL VISIBILITIES 1/8 SM; INCREASE ALL MDA 80 FEET AND VISIBILITY CATS C AND D 1/4 SM.  
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING ROXBORO ALTIMETER SETTING.  
CHART NOTE: RWY 6 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.  
CHART FAS OBST: 629 TREE (37-095749) 362200N/0783228W.  
HOLD NE, RT, 240.32 INBOUND.  
CHART VDP AT 0.88 NM TO RW06.  
WAAS CHANNEL # 45709  
REFERENCE PATH ID: W06A  
LTP HAE: 127.5 M



**MINIMUMS:**

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

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

<b>CATEGORY:</b>	<b>A</b>			<b>B</b>			<b>C</b>			<b>D</b>			<b>E</b>		
<b>FINAL TYPE</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>
LPV DA	811	7/8	285	811	7/8	285	811	7/8	285	811	7/8	285			
LNAV/VNAV DA	810	7/8	284	810	7/8	284	810	7/8	284	810	7/8	284			
LNAV MDA	880	1	354	880	1	354	880	1	354	880	1	354			
CIRCLING	960	1	434	980	1	454	1100	1 1/2	574	1280	2 1/2	754			

**CHANGES - REASONS**

1. CHANGED TCH FROM 53.2 TO 53.3 - TCH RAISED TO AVOID GQS PENETRATIONS TREE (37-046894) 362102.97N/0783236.50W.
2. CHANGED IAF YETVU INITIAL LENGTH CHANGED FROM 6 TO 9NM.- INITIAL SEGMENT EXTENDED IAW CRITERIA.
3. CHANGED IAF WEGIT INITIAL LENGTH CHANGED FROM 6 TO 9NM.- INITIAL SEGMENT EXTENDED IAW CRITERIA.
4. CHANGED FROM FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C (4°F) OR ABOVE 54°C (130°F). TO FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C. - IAW 8260.19I 8-6-19. NOTES. R.
5. CHANGED FROM "HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED". TO "RWY 6 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED".- IAW 8260.19I 8-6-11. MINIMUMS K. (3).
6. CHANGED CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ROXBORO ALTIMETER SETTING AND INCREASE ALL DA 64 FEET AND ALL MDA 80 FEET; INCREASE LPV AND LNAV/VNAV ALL CATS VISIBILITY 1/4 MILE, LNAV AND CIRCLING CATS C AND D VISIBILITY 1/4 MILE. TO CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ROXBORO ALTIMETER SETTING: INCREASE DA TO 875 FEET AND ALL VISIBILITIES 1/8 SM; INCREASE ALL MDA 80 FEET AND VISIBILITY CATS C AND D 1/4 SM.- IAW 8260.19I 8-6-11.N.(1).
7. CHANGED VDP FROM 0.89 TO 0.88. - CURRENT CALCULATION.
8. CHANGED LPV HAT FROM 288 TO 285. - DA ADJUSTMENT.
9. CHANGED VGSI AND RNAV GLIDEPATH NOT COINCIDENT TO VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}). - IAW 8260.19I 8-6-9. NOTES. M (1).
10. REMOVED DME/DME RNP -0.3NA - NO LONGER REQUIRED.
11. ADDED PBN EQUIPMENT REQUIREMENT NOTE: RNP APCH - GPS - IAW 8260.19I 8-6-8.B.(1).
12. FPAP LAT/LONG CHANGED FROM 362218.9700N/0783047.6000W TO 362218.9715N/0783047.5965W. - CURRENT VALUE.
13. CHANGED VAL FROM 35.0 TO 50.0.- DA ADJUSTMENT.
14. CHANGED CRC REMAINDER FROM A985DDC0 TO C22FEE36.- CURRENT VALUE.

**COORDINATED WITH:**A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ **OTHER:** ZDC, RDU APP CON, HNZ AMGR**FLIGHT CHECKED BY**

GEORGE E SEARLES

Digitally signed by

**DAVID TEFFETELLER**

Sep 30, 2021

**OFFICE**

FPO

**DATE**

09/28/2021

**DEVELOPED BY**

BRETT E. CANNON

Digitally signed by

**BRETT CANNON**

Jun 10, 2021

**OFFICE**

AJV-A433

**DATE**

11/18/2020

**APPROVED BY**

LONNIE EVERHART

Digitally signed by

**DAVID TEFFETELLER**

Sep 30, 2021

**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	KHNZ
RUNWAY	RW06
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W06A
LTP/FTP LATITUDE	362123.0700N
LTP/FTP LONGITUDE	0783213.5780W
LTP/FTP ELLIPSOIDAL HEIGHT	+01275
FPAP LATITUDE	362218.9715N
FPAP LONGITUDE	0783047.5965W
THRESHOLD CROSSING HEIGHT (TCH)	00053.3
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1072
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	C22FEE36

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+01595
FPAP ORTHOMETRIC HEIGHT	+01595

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

<u>AIRPORT ID</u> KHNZ	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 6	<u>AMDT NO.</u> 2	<u>CITY</u> OXFORD	<u>STATE</u> NC	<u>AIRPORT ELEVATION</u> 526	<u>FACILITY</u> RNAV
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PART A: OBSTRUCTION DATA SEGMENTS

STRAIGHT-IN AREA

FROM  
330/30 CW 150/30

TO  
330/25 CW 150/25

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>					
<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 (37-001064)	354251.00N/0784903.00W		2048	500	50	5D	1000					3100
2.TERRAIN	362254.00N/0785939.00W		875 (900)								AS1500	2400

<u>COMPUTATIONS</u>	<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:

STRAIGHT-IN AREA

FROM  
330/25 CW 150/25

TO  
KOVPE

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>					
<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.TOWER (37-001488)	355626.00N/0782844.00W		1548	500	50	5D	1000				AT452	3000
2.TERRAIN	362254.00N/0785939.00W		875 (900)								AS1500	2400

<u>COMPUTATIONS</u>	<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:



LEFT BASE AREA

FROM  
150/30 CW 240/30

TO  
YETVU

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
4.AAO	364133.00N/0791803.00W		955	164	98	4E	2000					3000
5.TERRAIN	364409.00N/0791039.00W		800 (800)								AS1500	2300

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

RIGHT BASE AREA

FROM  
240/30 CW 330/30

TO  
240/25 CW 330/25

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
6.TOWER (37-022508)	354952.79N/0780842.88W		2204	20	3	1A	1000					3300
7.TERRAIN	362212.00N/0782015.00W		580 (600)								AS1500	2100

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



RIGHT BASE AREA

FROM  
240/25 CW 330/25

TO  
WEGIT

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
8.TOWER (37-001836)	360611.51N/0781127.55W		1549	50	20	2C	1000				AT451	3000
7.TERRAIN	362212.00N/0782015.00W		580 (600)								AS1500	2100

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

INITIAL

FROM  
YETVU

TO  
KOVPE

RNP	DISTANCE 9.00	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
9.TOWER (37-022654)	361902.19N/0785140.04W		967	250	50	4D	1000				AT1033	3000
10.TERRAIN	361924.00N/0785024.00W		718 (700)								AS1500	2200

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



INITIAL

FROM

WEGIT

TO

KOVPE

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	9.00											
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
11.TOWER (37-000695)	361317.00N/0784217.00W		927	250	50	4D	1000				AT1073	3000
19.TERRAIN	361351.00N/0784454.00W		702 (700)								AS1500	2200

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INTERMEDIATE

FROM

KOVPE (IF/IAF)

TO

UCELU

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	5.96											
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
11.TOWER (37-000695)	361317.00N/0784217.00W		927	250	50	4D	500				AT1073	2500
13.TERRAIN	361357.00N/0784457.00W		669 (700)								AS1500	2200

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:





FINAL: LPV

FROM

UCELU

TO

RW6

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	6.04		DA		285							
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
15.TREE (37-046894)	362102.97N/0783236.50W		615	20	3	1A		34:1			MA35	811

COMPUTATIONS

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

FINAL: LNAV/VNAV

FROM

UCELU

TO

RW6

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	6.04		DA		284							
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
16.TREE (37-095749)	362159.70N/0783227.85W		629	50	20	2C	161				AC20	810

COMPUTATIONS

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



FINAL: LNAV

FROM  
UCELU

TO  
HAXEG/2.00 NM TO RW6

RNP	DISTANCE 4.04	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
17.AAO	361851.00N/0783718.00W		758	164	98	4E	250				XL2 RA80 AC98	1200

COMPUTATIONS

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

FINAL: LNAV STEPDOWN

FROM  
HAXEG/2.00 NM TO RW6

TO  
RW6

RNP	DISTANCE 2.00	PAT	MAP RW6	HAT 354			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
18.TREE (37-095749)	362159.70N/0783227.85W		629	50	20	2C	250					880

COMPUTATIONS

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



HOLD-IN-LIEU OF PT

FROM

KOVPE

TO

P-5

RNP	DISTANCE	PAT	MAP	HAT	HMAS							
P-5												
OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT	
11.TOWER (37-000695)	361317.00N/0784217.00W	927	250	50	4D	1000				AT1073	3000	
12.TERRAIN	361324.00N/0785136.00W	718 (700)								AS1500	2200	

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

MISSED APPROACH : LPV

FROM

DA

TO

VEKUC

RNP	DISTANCE	PAT	MAP	HAT	HMAS							
					605							
OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT	
15.TREE (37-046894)	362102.97N/0783236.50W	615	20	3	1A		ASC				3000	
20.AAO	362503.00N/0782903.00W	696	164	98	4E	1000					1700	
21.TERRAIN	362142.00N/0783212.00W	544 (500)								AS1500	2000	

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



MISSED APPROACH : LNAV/VNAV

FROM  
DA

TO  
VEKUC

RNP	DISTANCE	PAT	MAP	HAT			HMAS 649					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				3000
20.AAO	362503.00N/0782903.00W		696	164	98	4E	1000					1700
21.TERRAIN	362142.00N/0783212.00W		544 (500)								AS1500	2000

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

MISSED APPROACH : LNAV

FROM  
RW6

TO  
VEKUC

RNP	DISTANCE	PAT	MAP	HAT			HMAS 780					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				3000
20.AAO	362503.00N/0782903.00W		696	164	98	4E	1000					1700
21.TERRAIN	362142.00N/0783212.00W		544 (500)								AS1500	2000

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



CIRCLING

☐ ALL CATS

☒ CAT A

☒ CAT B

☒ CAT C

☒ CAT D

☐ CAT E

☐ NOT AUTHORIZED

OBSTRUCTION	COORDINATES	RADIUS	HAA	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
CATEGORY A											
22.TREE (36-031003)	362230.77N/0783303.33W	1.30	434	649	50	20	2C	300			960
CATEGORY B											
23.TREE (37-025164)	362101.55N/0782947.72W	1.82	454	663	20	10	1B	300			980
CATEGORY C											
24.ANTENNA (37-046797)	362341.02N/0783324.71W	2.87	574	791	20	10	1B	300			1100
CATEGORY D											
25.TOWER (37-002038)	361837.00N/0783004.00W	3.74	754	961	20	10	1B	300			1280

CIRCLING REMARKS:

CENTER

RADIUS

REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH  
ZDC ARTCC, RDU APP CON, RDU FSS

<u>WX SERVICE</u> AWOS-3	<u>LOCATION</u> KHNZ	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KHNZ	<u>DISTANCE</u> 0	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 0
<u>BACK-UP WX SERVICE</u> AWOS-3	<u>LOCATION</u> KTDF	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KTDF	<u>DISTANCE</u> 22.51	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 64

WX REMARKS:  
RASS PRESSURE PATTERNS SAME  
KHNZ: 526.3 MSL  
KTDF: 608.8 MSL  
RA = 63.4

<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>
RW6 - MIRL (PCL), REIL (PCL), PAPI-2L (PCL)		NPI-G	
RW24 - MIRL (PCL), PAPI-2L (PCL)		NPI-G	

<u>GLIDESLOPE ANGLE</u> 3.00	<u>ELEV RWY THRESHOLD</u> 523.3	<u>TCH</u> 53.3	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u> 3.50	<u>TCH</u> 27.2
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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> -16C	<u>CRITICAL HIGH</u> +54C	<u>ACT</u> -16C	<u>APT ISA</u> +13.96C
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CRITICAL TEMPERATURE REMARKS:

AVERAGE COLD TEMPERATURE DERIVED FROM STANDARD -30C ISA DEVIATION.  
CRITICAL LOW TEMPERATURE BASED ON ACT.  
DESCENT RATE (FPM): STANDARD TEMP 962 HIGH TEMP 1269.



"VISUAL PORTION OF FINAL" PENETRATIONS

Final Type	LPV, LNAV/VNAV, LNAV FINAL		
34:1			
615 TREE (37-046894) 362102.97N/0783236.50W (17.15)		563 TREE (37-060343) 362114.87N/0783221.79W (14.91)	
568 TREE (37-055490) 362112.83N/0783223.88W (12.19)		562 TREE (37-064351) 362114.82N/0783222.93W (11.68)	
564 TREE (37-058203) 362114.16N/0783224.15W (10.16)		573 TREE (37-062664) 362110.71N/0783225.70W (9.82)	
559 TREE (37-053436) 362114.99N/0783222.77W (9.29)		567 TREE (37-058321) 362112.85N/0783225.08W (8.97)	
562 TREE (37-058202) 362114.29N/0783223.87W (8.93)		604 TREE (37-056540) 362103.75N/0783235.96W (8.61)	
555 TREE (37-064230) 362115.48N/0783221.55W (8.49)		555 TREE (37-063424) 362115.21N/0783222.19W (6.79)	
559 TREE (37-060332) 362114.15N/0783223.53W (6.30)		559 TREE (37-064354) 362114.03N/0783223.73W (5.70)	
560 TREE (37-046900) 362114.50N/0783224.83W (5.52)		558 TREE (37-055453) 362113.94N/0783223.46W (5.04)	
588 TREE (37-095747) 362105.86N/0783221.53W (4.85)		552 TREE (37-061393) 362115.69N/0783222.26W (4.55)	
602 TREE (37-046893) 362103.48N/0783236.90W (4.35)		553 TREE (37-095741) 362116.39N/0783223.65W (4.25)	
555 TREE (37-046513) 362114.48N/0783236.90W (3.93)		549 TRANSMISSION LINE (37-055525) 362119.29N/0783224.67W (3.75)	
554 TREE (37-046512) 362115.08N/0783223.37W (3.34)		593 TREE (37-046518) 362105.66N/0783235.13W (2.73)	
600 TREE (37-046895) 362103.17N/0783236.94W (1.69)		595 TREE (37-046912) 362102.84N/0783234.02W (1.55)	
554 TREE (37-046516) 362113.36N/0783223.17W (0.51)		552 TREE (37-064221) 362115.08N/0783223.84W (0.45)	

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or  
5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

53.3 TCH USED TO MITIGATE VGS PENETRATION: TREE (37-060343), 362114.87N/0783221.79W

100' FEET VEGETATION HEIGHT USED.

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.

<u>AIRPORT ID</u> KHNZ	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 6	<u>AMDT NO.</u> 2	<u>CITY</u> OXFORD	<u>STATE</u> NC	<u>AIRPORT ELEVATION</u> 526	<u>FACILITY</u> RNAV
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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	3.21
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	051.14
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	600
DISTANCE FROM	THLD	TO 1500FT POINT	5.24
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.39
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	051.14
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	600

THRESHOLD  
COORDINATES  
(IF STR-IN)

362123.07N/0783213.58W

ARP COORDINATES

362140.10N/0783147.40W

RUNWAY APCH END  
AND DIST FURTHEST  
FROM ARP

RUNWAY 24 DISTANCE 0.45 NM

FAF  
COORDINATES

361735.53N/0783802.93W

FIX NAME  
COORDINATES

REMARKS

TAA 30NM, IF/IAF KOVPE 361350.60N/0784346.81W, LEFT BASE IAF WEGIT 360649.87N/0783647.80W, RIGHT BASE IAF YETVU 362050.91N/0785047.07W

QUALITY  
6  
CHECKED

FAA Form 8260-9 / (11/16) Supersedes Previous Edition

Electronic Version

Page 12 of 13



PART E: PREPARED BY

<u>NAME</u> BRETT E. CANNON	<u>OFFICE</u> AJV-A433	<u>DATE</u> 11/18/2020	<u>TITLE</u> AERONAUTICAL INFORMATION SPECIALIST
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