US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

Bearings, headings, courses, 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 in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
ZATMI	CUTMA (FO)	184.77 / 16.08	2500
MUVGE (IAF)	CUTMA (NOPT) (FB)	297.56 / 9.41	2500
BDR VOR/DME (IAF)	CUTMA (NOPT) (FB)	025.35 / 7.33	2500
CUTMA (IF/IAF)	DAAVY (FB)	004.81 / 6.10	2500
DAAVY (FAF)	HUMOM/1.80 NM TO RW36 (FB)	004.79 / 3.72	
HUMOM/1.80 NM TO RW36	RW36 (MAP) (FO)	004.78 / 1.80	
(SEE FORM 8260-10)			

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW36

CLIMB TO 3000 DIRECT ZATMI AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD S CUTMA, RT, 004.81 INBOUND, 2500 FT. IN LIEU OF PT (IAF)
3. FAC: 004.79 FAF: DAAVY DIST FAF TO MAP: 5.52 THLD: 5.52
4. MIN. ALT: CUTMA 2500, DAAVY 2500, HUMOM/1.80 NM TO RW36 1300*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2500 GS ALT AT: DAAVY 2500 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 55.8 34:1 IS NOT CLEAR
8. MSA FROM: RW36 3100

ADDITIONAL FLIGHT DATA:
HOLD W, RT, 090.00 INBOUND.
CHART FAS OBST: 786 TOWER 412720N/0730803W
CHART FAS OBST: 859 TREE 412754N/0730726W
DISTANCE TO THLD FROM 250 HATH: 0.61 NM.
CHART VDP AT 1.19 MILES TO RW36*
*LNAV ONLY.
WAAS CHANNEL # 72922
REFERENCE PATH ID: W36A
LTP HAE: 179.6 M

MAG VAR: 14W EPOCH YEAR: 1995

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	936	3/4	250	936	3/4	250	936	3/4	250	936	3/4	250			
LNAV/VNAV DA	1059	1 1/4	373	1059	1 1/4	373	1059	1 1/4	373	1059	1 1/4	373			
LNAV MDA	1120	1	434	1120	1	434	1120	1 1/4	434	1120	1 1/4	434			
CIRCLING	1280	1	554	1280	1	554	1280	1 1/2	554	1320	2	594			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 39C (102F).
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE DANBURY ALTIMETER SETTING AND
(SEE FORM 8260-10)

QUALITY 9 CHECKED

CITY AND STATE	ELEVATION: 726 THRE: 686 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
OXFORD, CT	WATERBURY-OXFORD	RNAV	RNAV (GPS) RWY 36, AMDT 2	AMDT: 1
				DATED 08/25/2011

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
[ ] YES [X] NO		**ROUTINE**

COORDINATED WITH:

ATA	AAT	ALPA	APA	AOPA	NBAA	OTHER (specify)
[X]	[ ]	[X]	[ ]	[X]	[X]	[X] **ZBW, OXC ATCT, NYC APP CON, AMGR**

FLIGHT CHECKED BY

NAME:	FIFO	DATE:

DEVELOPED BY

NAME:	FIFO	DATE:
DONALD E. SMITH (DAVID TEFFETELLER)	**AJV-352**	**09/29/2011**

APPROVED BY

NAME:		FIFO	DATE:
DARRYEL ADAMS	**MANAGER**	**AJV-352**	

CHANGES:

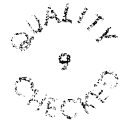
1. CHANGED MISSED APPROACH HOLDING INBOUND COURSE FROM 137M TO 090M

REASONS:

1. AT REQUEST

CHANGES MADE TO FORMS OUTSIDE IFP-SIAP:
8260-3
1. ADDED FAF TO DAAVY IN TERMINAL ROUTES FROM COLUMN
2. DELETED SDF ALTITUDE 1300* IN TERMINAL ROUTES ALTITUDE COLUMN.

8260-10
1. REMOVED ALTITUDE FOR RW36 TO 936 MSL IN TERMINAL ROUTES
2. REMOVED 2.0 FROM ARINC MISSED APPROACH
3. REMOVED 020 BOTTOM PAGE 4 OF ARINC



Bearings, headings, courses, 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 aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
RW36 (MAP)	936 MSL		
936 MSL	ZATMI (FO)		3000

NOTES, (CONT.):
INCREASE ALL DA 77 FEET AND ALL MDA 80 FEET; INCREASE LPV AND LNAV/VNAV ALL CATS VISIBILITY 1/4 MILE, INCREASE LNAV CATS C AND D VISIBILITY 1/8 MILE, AND INCREASE CIRCLING CATS C AND D VISIBILITY 1/4 MILE.

CHART NOTE: BARO-VNAV AND VDP NA WHEN USING DANBURY ALTIMETER SETTING.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON BDR VOR/DME AIRWAY RADIALS 336 CW 054.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ZATMI ON V34 NORTHWEST BOUND.

QUALITY CHECKED

ALL AFFECTED PROCEDURES REVIEWED? ☐ YES ☐ NO	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	FIFO	DATE:
APPROVED BY		
NAME:	FIFO	DATE:

CHANGES:

REASONS:

Bearings, headings, courses, 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 aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KOXC
RUNWAY	RW36
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W36A
LTP/FTP LATITUDE	412818.4100N
LTP/FTP LONGITUDE	0730801.6180W
LTP/FTP ELLIPSOIDAL HEIGHT	+01796
FPAP LATITUDE	412946.4000N
FPAP LONGITUDE	0730820.6200W
THRESHOLD CROSSING HEIGHT (TCH)	00055.8
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1136
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	7E42E16B

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+02089
FPAP ORTHOMETRIC HEIGHT	+02089

QUALITY CHECKED

CITY AND STATE	ELEVATION: 726 THRE: 686	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
OXFORD, CT	AIRPORT NAME: WATERBURY-OXFORD	RNAV	RNAV (GPS) RWY 36, AMDT 2	AMDT: 1
				DATED: 08/25/2011

ALL AFFECTED PROCEDURES REVIEWED? ☐ YES ☐ NO	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	FIFO	DATE:
APPROVED BY		
NAME:	FIFO	DATE:

CHANGES:

REASONS:

QUALITY CHECKED

Bearings, headings, courses, 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 aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18 - RNAV (GPS)

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAD        BDR   K6010880VDL  N41093850W073072819    N41093850W073072819W0120000091     NARBRIDGEPORT

          1         2         3         4         5         6         7         8         9         0         1         2         3
WP     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAEAENRT   CUTMA K60    C     N41164983W073053345                    W0138     NAR           CUTMA
       SUSAEAENRT   DAAVY K60    C     N41225116W073065109                    W0138     NAR           DAAVY
       SUSAEAENRT   HUMOM K60    C     N41263175W073073861                    W0138     NAR           HUMOM
       SUSAEAENRT   MUVGE K60    C   L N41143804W072532559                    W0139     NAR           MUVGE
       SUSAEAENRT   ZATMI K60    C   L N41324249W073085862                    W0138     NAR           ZATMI

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAP KOXCK6AOXC     0     058YHN41284280W073080690W014000726         1800018000C    MNAR    WATERBURY-OXFORD

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAP KOXCK6FR36   ABDR   010BDR  K6D 0V  A    IF                                          18000                A JS
       SUSAP KOXCK6FR36   ABDR   020CUTMAK6EA0EE B 010TF                    02540073    + 02500                      A JS
       SUSAP KOXCK6FR36   AMUVGE 010MUVGEK6EA0E  A    IF                                          18000                A JS
       SUSAP KOXCK6FR36   AMUVGE 020CUTMAK6EA0EE B 010TF                    29760094    + 02500                      A JS
       SUSAP KOXCK6FR36   AZATMI 010ZATMIK6EA0E      IF                                          18000                A JS
       SUSAP KOXCK6FR36   AZATMI 020CUTMAK6EA0EY   020TF                    18480161    + 02500                      A JS
       SUSAP KOXCK6FR36   AZATMI 030CUTMAK6EA0EE AR   HF                    00480040    + 02500                      A JS
       SUSAP KOXCK6FR36   R      010CUTMAK6EA0E  I    IF                                + 02500     18000            A JS
       SUSAP KOXCK6FR36   R      020DAAVYK6EA1E  F 051TF                    00480061    + 02500                RW36  K6PGA JS
       SUSAP KOXCK6FR36   R      020DAAVYK6EA2WALPV       ALNAV/VNAV ALNAV                                             JS
       SUSAP KOXCK6FR36   R      021HUMOMK6EA0E S  031TF                    00480037    V 0130001315       -300      A JS
       SUSAP KOXCK6FR36   R      030RW36 K6PG0GY M 031TF                    00480018      00741            -300      A JS
       SUSAP KOXCK6FR36   R      040         0  M     CA                    0048        + 00936                      A JS
       SUSAP KOXCK6FR36   R      050ZATMIK6EA0EY       DF                                + 03000                      A JS
       SUSAP KOXCK6FR36   R      060ZATMIK6EA0EE  R    HM                    09000040    + 03000                      A JS
```

CITY AND STATE	ELEVATION: 726 THRE: 686 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
OXFORD, CT	WATERBURY-OXFORD	RNAV	RNAV (GPS) RWY 36, AMDT 2	AMDT: 1
				DATED: 08/25/2011

ALL AFFECTED PROCEDURES REVIEWED? ☐ YES ☐ NO	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	FIFO	DATE:
APPROVED BY		
NAME:	FIFO	DATE:

CHANGES:

REASONS:

QUALITY 9 CHECKED

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ----------------------------------------------------------------------------------------------------------------------------
          SUSAP KOXCK6GRW36    0058000048 N41281841W073080162+0800    +0179600686050056100I

          1         2         3         4         5         6         7         8         9         0         1         2         3
PP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ----------------------------------------------------------------------------------------------------------------------------
          SUSAP KOXCK6PR36   RW36 001 0000W36A0N4128184100W07308016180+017960300N4129464000W0730820620010675113600055 8F4005007E42E16B
          SUSAP KOXCK6PR36   RW36 002E      +02089+02089LPV       72922

          1         2         3         4         5         6         7         8         9         0         1         2         3
MSA       12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ----------------------------------------------------------------------------------------------------------------------------
          SUSAP KOXCK6SRW36 K6PG              0   18018003125                                                                  M
```

CITY AND STATE	ELEVATION: 726 THRE: 686 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
OXFORD, CT	WATERBURY-OXFORD	RNAV	RNAV (GPS) RWY 36, AMDT 2	AMDT: 1
				DATED: 08/25/2011

ALL AFFECTED PROCEDURES REVIEWED? ☐ YES ☐ NO	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	FIFO	DATE:
APPROVED BY		
NAME:	FIFO	DATE:

CHANGES:

REASONS:

QUALITY CHECKED 9

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

Bearings, headings, courses, 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 aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	BDR	BDR	010	IAF	IF						
	BDR	CUTMA	020	IF	TF		FB	1.0	025.4(011.4T)	007.3	02500
	MUVGE	MUVGE	010	IAF	IF						
	MUVGE	CUTMA	020	IF	TF		FB	1.0	297.6(283.6T)	009.4	02500
	ZATMI	ZATMI	010		IF						
	ZATMI	CUTMA	020		TF		FO	2.0	184.8(170.8T)	016.1	02500
	ZATMI	CUTMA	030	IAF	HF	R	FO		004.8(350.8T)	004.0	02500
		CUTMA	010	FACF	IF						02500
		DAAVY	020	FAF	TF		FB	0.5	004.8(350.8T)	006.1	02500
		HUMOM	021	SDF	TF		FB	0.3	004.8(350.8T)	003.7	0130001315
		RW36	030	MAP	TF		FO	0.3	004.8(350.8T)	001.8	00741

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
		040		CA				004.8(350.8T)		00936
	ZATMI	050		DF		FO				03000
	ZATMI	060		HM	R	FO		090.0(076.0T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BDR	N410938.50	W0730728.19	N4109.642	W07307.470
	CUTMA	N411649.83	W0730533.45	N4116.831	W07305.558
	DAAVY	N412251.16	W0730651.09	N4122.853	W07306.852
	HUMOM	N412631.75	W0730738.61	N4126.529	W07307.644
	MUVGE	N411438.04	W0725325.59	N4114.634	W07253.427
	ZATMI	N413242.49	W0730858.62	N4132.708	W07308.977
	RW36	N412818.41	W0730801.62	N4128.307	W07308.027

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW36	00686	56

CITY AND STATE	ELEVATION: 726 THRE: 686 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
OXFORD, CT	WATERBURY-OXFORD	RNAV	RNAV (GPS) RWY 36, AMDT 2	AMDT: 1
				DATED: 08/25/2011

ALL AFFECTED PROCEDURES REVIEWED? ☐ YES ☐ NO	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	FIFO	DATE:
APPROVED BY		
NAME:	FIFO	DATE:

CHANGES:

REASONS:

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT	FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.
FEEDER	ZATMI	CUTMA	1. AAO	413227.00N/0731012.00W	1188 (4E)	1000		2200
			2. TERRAIN	413203.00N/0730809.00W	1011 (1000)		AS1500	2500
INITIAL	MUVGE	CUTMA	3. AAO	411924.00N/0730339.00W	673 (4E)	1000	AT827	2500
			4. TERRAIN	411642.00N/0730542.00W	394 (400)		AS1500	1900
INITIAL	BDR VOR/DME	CUTMA	5. AAO	411751.00N/0730745.00W	725 (4E)	1000	AT775	2500
			6. TERRAIN	411645.00N/0730606.00W	420 (400)		AS1500	1900
INTERMEDIATE	CUTMA (IF/IAF)	DAAVY	7. TOWER (09-000101)	412143.34N/0730646.39W	959 (5D)	500	AT1041	2500
			8. TERRAIN	412148.00N/0730645.00W	709 (700)		AS1500	2200
FINAL: LPV	DAAVY	RW36	9. T-L TWR (09-000375)	412801.43N/0730755.51W	747 (1A)	34:1		936/250
FINAL: LNAV/VNAV	DAAVY	RW36	10. TOWER (09-000373)	412719.98N/0730803.37W	786 (1A)	23.44:1		1059/373
FINAL: LNAV	DAAVY	HUMOM/1.80 NM TO RW36	11. AAO	412443.00N/0730746.00W	969 (2C)	250	RA77	1300
FINAL: LNAV STEPDOWN	HUMOM/1.80 NM TO RW36	RW36	12. TREE	412753.80N/0730725.71W	859 (2C)	250		1120
2. HOLD-IN-LIEU-OF-PT	CUTMA	P-5	13. AAO	411948.00N/0730842.00W	876 (4E)	1000	AT624	2500
			14. TERRAIN	411948.00N/0730842.00W	676 (700)		AS1500	2200
3. MISSED APPROACH MAP:	DA / DA / RW36	ZATMI				ASC		3000
			1. AAO	413227.00N/0731012.00W	1188 (4E)	1000		2200
ELEV:	745/898/1020		2. TERRAIN	413203.00N/0730809.00W	1011 (1000)		AS1500	2500

4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT. REQUIRED	HT. ABV. ARPT. ACTUAL		OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.
CATEGORY A	1.3 NM	350	554	15. TREE (KOXC0042)	412920.63N/0730728.13W	964 (2C)	300		1280
CATEGORY B	1.5 NM	450	554	15. TREE (KOXC0042)	412920.63N/0730728.13W	964 (2C)	300		1280
CATEGORY C	1.7 NM	450	554	15. TREE (KOXC0042)	412920.63N/0730728.13W	964 (2C)	300		1280
CATEGORY D	2.3 NM	550	594	16. ANT (KOXC0053)	412905.45N/0730523.45W	1005 (2A)	300		1320
CATEGORY E	4.5 NM	550							

5. MINIMUM SAFE ALTITUDES — PRIMARY NAVAID: **RW36**

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A
360-360	TWR (09-000252)	058/ 19.5	2049 (2C)	3100					

CITY AND STATE		FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
OXFORD, CT	ELEVATION: 726 AIRPORT NAME: WATERBURY-OXFORD	RNAV	RNAV (GPS) RWY 36, AMDT 2	ANE

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE	3. ALTIMETER SETTING
NYC APP CON OXC TOWER	[ ] NWS OTHER: AWOS-3 [ ] FAA [ ] A/C	SOURCE: KOXC / KDXR DISTANCE: 0 / 16.92 HOURS REMOTE OPERATION:
SATISFACTORY ON:		
[X] VHF [X] UHF [ ] HF	LOCATION: KOXC	ADJUSTMENT: 0 / 77

4. MONITOR STATUS	PRIMARY NAVAID:	
	MONITOR POINT:	
	HRS OPTN: CAT 1	
	HRS OPTN: CAT 3	

5. APPROACH & RUNWAY LIGHTING		ALS
		(S) SALS
		MALS
	X	HIRL 18 (PCL), 36 (PCL)
		MIRL
	X	REIL 36
		TDZ
		C/LINE
	X	OTHER (SPECIFY) PAPI-4L 36 VASI-4L 18

6. RUNWAY MARKINGS	BASIC	
	ALL WEATHER	PIR-G 18, 36
	INSTRUMENT	
7. RUNWAY VISUAL RANGE	APPROACH	
	MIDFIELD	
	ROLL OUT	

8. GLIDE PATH	GP ANGLE: 3.00	ELEV RWY THRESHOLD: 685.5
	DISTANCE FROM RWY:	ELEV GP ANTENNA:
		THRESHOLD CROSSING HEIGHT: 55.8

9. FINAL APPROACH COURSE AIMING	X	RUNWAY THRESHOLD	FT. FROM THRESHOLD
	X	ON CENTERLINE	FT. FROM CENTERLINE

10. WAIVERS: NONE

PART D - PREPARED BY: DONALD E. SMITH (DAVID TEFFETELLER)	DATE: 09/29/2011
TITLE: AERONAUTICAL INFORMATION SPECIALIST	OFFICE: AJV-352

PART C - REMARKS:

THRESHOLD DISPLACED 500.

PARA 251, 34:1 PENETRATION.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

KOXC AWOS-3 ON SERVICE A
KDXR AWOS-3 ON SERVICE A

VGSI DATA: 3.00/55.9

NO ADDITIONAL AIRSPACE REQUIRED.
RASS PRESSURE PATTERNS SAME
KOXC 726.4, KDXR 457.6
RA = 76.6.

LPV SLOPE: 34:1
LNAV/VNAV SLOPE: 23.44:1

ISA DEVIATION: 13.56
APT DEVIATION: 3-5 YEAR HIGH/LOW TEMP NOT AVAILABLE.
STANDARD -30 USED.

TAA NOT DEVELOPED PER FPO AT ATC REQUEST.

CONTROLLING OBSTRUCTIONS AND TERRAIN SAME FOR ALL INTERMEDIATE SEGMENTS.

AVERAGE VEGETATION ASSUMED TO BE 100 FEET PER FPO.

OBST #2 (AIRSPACE) IS HIGHEST TERRAIN FOR FEEDER AND MISSED SEGMENT BUT IS LOCATED WITHIN 20,000 FEET OF AIRPORT (AAO NOT APPLIED).

FPO NOTIFIED OF VISUAL SURFACE PENETRATIONS.

TERPS, VOLUME 1, "VISUAL PORTION OF FINAL"
PENETRATIONS:
34:1
777 TREE (KOXC0024) 412756.93N/0730748.02W (29.41)
747 TWR (09-000375) 412801.43N/0730755.51W (15.32)
721 TREE (KOXC0020) 412808.61N/0730753.55W (9.70)

QUALITY 9 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: ZATMI **STATE:** CT **COUNTRY:** US

LATITUDE/LONGITUDE: 413242.49N/0730858.62W **TYPE:** WP, INT, DME

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** NO CHANGE

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	PAWLING	PWL	VOR/DME	L	135.44	123.44	24.35	24.35		3000	17500
2	BRIDGEPORT	BDR	VOR/DME	L	009.19	357.19		23.08		3000	17500
3	MADISON	MAD	VOR/DME	L	317.05	304.05		24.87		3000	17500

HOLDING: **HOLDING TYPE OF ACTION:** MODIFY

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	NW	PWL	VOR/DME	135.44	135.44	R	1		3000	6000	5	6
2	W		WP	270.00	090.00	R		4	3000	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	413815.00N/0731521.00W	1378	4E
1	310	TOWER (09-000229)	413104.00N/0730107.00W	1749	3A
2	200	AAO	413454.00N/0731521.00W	1267	4E
2	310	TOWER (09-000229)	413104.00N/0730107.00W	1749	3A

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERNS.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	ILS OR LOC RWY 36 (ALT MA)	KOXC	OXFORD	CT (US)
2	RNAV (GPS) RWY 36	KOXC	OXFORD	CT (US)

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V34	1, 2, 3				(US)
IAP	ILS OR LOC RWY 36 (ALT MA)	1, 2	1	KOXC	OXFORD	CT (US)
IAP	RNAV (GPS) RWY 36		2	KOXC	OXFORD	CT (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 04/05/2012

REASON FOR REVISION:
UPDATED PAT2 CRS INBOUND FROM 137.44 TO 090.00
UPDATED PAT2 CONTROLLING OBSTACLE

DEVELOPED BY: **DATE:** 09/29/2011 **OFFICE:** AJV-352 **NAME:** DONALD SMITH (DAVID TEFFETELLER)

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZBW
ATC FACILITY: OXC ATCT, NYC APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: BRIDGEPORT VOR/DME **STATE:** CT **COUNTRY:** US

LATITUDE/LONGITUDE: 410938.50N/0730728.19W **TYPE:**

INFO ONLY

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** NO CHANGE

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	BRIDGEPORT	BDR	VOR/DME	L							17500

HOLDING: **HOLDING TYPE OF ACTION:** MODIFY

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
UPN	200	TOWER (09-000006)	411644.26N/0731106.40W	1011	1A

HOLDING RESTRICTIONS:
UNPLANNED HOLDING AUTHORIZED AT OR ABOVE 3000
UNPLANNED HOLDING NA 249 CW 330

REMARKS:
PRECIPITOUS TERRRAIN EVALUATION COMPLETED

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	BRIDGEHAVEN			KBDR	BRIDGEPORT	CT (US)
DP	BRIDGEHAVEN			KHVN	NEW HAVEN	CT (US)
DP	MORRISTOWN			KMMU	MORRISTOWN	NJ (US)
DP	LIBERTY			KEWR	NEWARK	NJ (US)
DP	NEWARK			KEWR	NEWARK	NJ (US)
DP	PORTT (RNAV)			KEWR	NEWARK	NJ (US)
DP	RUUDY (RNAV)			KTEB	TETERBORO	NJ (US)
DP	TETERBORO			KTEB	TETERBORO	NJ (US)
DP	FARMINGDALE			KFRG	FARMINGDALE	NY (US)
DP	LONG ISLAND			KISP	NEW YORK	NY (US)
DP	KENNEDY			KJFK	NEW YORK	NY (US)
DP	SKORR (RNAV)			KJFK	NEW YORK	NY (US)
DP	LA GUARDIA			KLGA	NEW YORK	NY (US)
DP	WESTCHESTER			KHPN	WHITE PLAINS	NY (US)
EN ROUTE	V229					(US)
EN ROUTE	V433-475-487					(US)
EN ROUTE	V44-433					(US)
EN ROUTE	V44-91					(US)
EN ROUTE	V475					(US)
EN ROUTE	V91-487					(US)
IAP	ILS RWY 06			KBDR	BRIDGEPORT	CT (US)
IAP	RNAV (GPS) RWY 06			KBDR	BRIDGEPORT	CT (US)
IAP	RNAV (GPS) RWY 24			KBDR	BRIDGEPORT	CT (US)
IAP	VOR RWY 06			KBDR	BRIDGEPORT	CT (US)
IAP	VOR RWY 24			KBDR	BRIDGEPORT	CT (US)
IAP	VOR RWY 29			KBDR	BRIDGEPORT	CT (US)
IAP	ILS OR LOC RWY 2			KHVN	NEW HAVEN	CT (US)
IAP	VOR RWY 2			KHVN	NEW HAVEN	CT (US)
IAP	VOR-A			KHVN	NEW HAVEN	CT (US)
IAP	ILS OR LOC RWY 36			KOXC	OXFORD	CT (US)
IAP	RNAV (GPS) RWY 36			KOXC	OXFORD	CT (US)
IAP	ILS OR LOC RWY 24			KISP	NEW YORK	NY (US)
IAP	RNAV (GPS) Y RWY 24			KHWV	SHIRLEY	NY (US)
IAP	RNAV (GPS) Z RWY 24			KHWV	SHIRLEY	NY (US)
IAP	ILS OR LOC RWY 34			KHPN	WHITE PLAINS	NY (US)
IAP	RNAV (GPS) Y RWY 34			KHPN	WHITE PLAINS	NY (US)
STAR	BRIDGEPORT			KBDR	BRIDGEPORT	CT (US)
STAR	DENNA			KBDR	BRIDGEPORT	CT (US)
STAR	NOBBI			KDXR	DANBURY	CT (US)
STAR	RICED			KDXR	DANBURY	CT (US)
STAR	BRIDGEPORT			KHVN	NEW HAVEN	CT (US)
STAR	DENNA			KHVN	NEW HAVEN	CT (US)
STAR	BRIDGEPORT			KOXC	OXFORD	CT (US)
STAR	DENNA			KOXC	OXFORD	CT (US)
STAR	PAWLING			KFRG	FARMINGDALE	NY (US)
STAR	LOVES			KISP	NEW YORK	NY (US)
STAR	PAWLING			KJFK	NEW YORK	NY (US)
STAR	NOBBI			KLGA	NEW YORK	NY (US)
STAR	BOUNO			KHPN	WHITE PLAINS	NY (US)
STAR	NOBBI			KHPN	WHITE PLAINS	NY (US)
STAR	RICED			KHPN	WHITE PLAINS	NY (US)

QUALITY 9 CHECKED

REQUIRED CHARTING: DP, STAR, IAP, CONTROLLER, EN ROUTE LOW, EN ROUTE HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 10 **DATE OF REVISION:** 06/03/2010

REASON FOR REVISION:
UPDATED UPN HOLDING COBS FROM PREVIOUS STATE CODE
UPDATED FIX USE

DEVELOPED BY:	**DATE:** 01/06/2010	**OFFICE:** AVN-110	**NAME:** JEFF ANDERSON
APPROVED BY:	**DATE:** 02/18/2010	**OFFICE:** AVN-110	**NAME:** PETER GETZ
	SIGNATURE:		

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZBW, ZNY
ATC FACILITY: PVD, NYC
OTHER: NY TRACON, BDR FAA, BDR ATCT

QUALITY CHECKED 9

RADIO FIX AND HOLDING DATA RECORD

NAME: CUTMA **STATE:** CT **COUNTRY:** US

LATITUDE/LONGITUDE: 411649.83N/0730533.45W **TYPE:** WP, INT, DME

INFO ONLY

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	OXFORD	I-OXC	LOC/DME		184.78	170.78	12.60	12.60		2500	5200
2	NEW HAVEN	HVN	VOR/DME	T	289.70	276.70		9.45		2500	5200

HOLDING: **HOLDING TYPE OF ACTION:** MODIFY

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	S		WP	184.81	004.81	R		4	2500	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	411948.00N/0730842.00W	876	4E

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 36	1, 2		KOXC	OXFORD	CT (US)
IAP	RNAV (GPS) RWY 36		1	KOXC	OXFORD	CT (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 08/25/2011

REASON FOR REVISION:
FIX MOVED 1093 FEET TO THE SOUTH; COORDINATES UPDATED.
FAC 1 TRUE BRG CHANGED FROM 170.77 TO 170.78; DME CHANGED FROM 12.42 TO 12.60; ADDED DIST FROM FAC IN NM; MAA LOWERED FROM 6000 TO 5200.
FAC 2 TRUE BRG CHANGED FROM 277.75 TO 276.70; ADDED DIST FROM FAC IN NM; DECREASED MAA FROM 6000 TO 5200.
REMOVED FAC 3 IAW 8260.19D, CH. 8, PARA 841.
REMOVED HOLD PAT 1 AND RENUMBERED; WP HOLDING MIN/MAX TEMPLATES CHANGED FROM 5/5 TO 5/6; CRS INBOUND CHANGED FROM 004.78 TO 004.81.
ADDED PRECIPITOUS TERRAIN EVAL REMARK.
UPDATED FIX USE.

DEVELOPED BY: **DATE:** 02/23/2011 **OFFICE:** AJV-352 **NAME:** DONALD SMITH (DAN POWELL)

APPROVED BY: **DATE:** 06/27/2011 **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZBW
ATC FACILITY: OXC ATCT, NYC APP CON
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: DAAVY **STATE:** CT **COUNTRY:** US

INFO ONLY

LATITUDE/LONGITUDE: 412251.16N/0730651.09W **TYPE:** WP, INT, DME

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	OXFORD	I-OXC	LOC/DME		184.78	170.78	6.50	6.50	39503	2500	5200
2	NEW HAVEN	HVN	VOR/DME	T	317.56	304.56		12.56		2500	5200

REMARKS:
PFAF COORDINATES ESTABLISED USING 8260.54A FORMULA 2-16B.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 36	1, 2		KOXC	OXFORD	CT (US)
IAP	RNAV (GPS) RWY 36			KOXC	OXFORD	CT (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 08/25/2011

DEVELOPED BY: **DATE:** 02/23/2011 **OFFICE:** AJV-352 **NAME:** DONALD SMITH (DAN POWELL)

APPROVED BY: **DATE:** 06/27/2011 **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZBW
ATC FACILITY: OXC ATCT
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: HUMOM **STATE:** CT **COUNTRY:** US

INFO ONLY

LATITUDE/LONGITUDE: 412631.75N/0730738.61W **TYPE:** WP, DME

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	OXFORD	I-OXC	LOC/DME		184.78	170.78	2.78	2.78		1120	2500

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 36	1		KOXC	OXFORD	CT (US)
IAP	RNAV (GPS) RWY 36			KOXC	OXFORD	CT (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 08/25/2011

REASON FOR REVISION:
ADDED WP TO NAME/TYPE.
FIX MOVED 2705 FEET TO THE SOUTH; COORDINATES UPDATED.
FAC 1 TRUE BRG CHANGED FROM 170.77 TO 170.78; DME DISTANCE CHANGED FROM 2.33 TO 2.78; ADDED DIST FROM FAC IN NM.
UPDATED FIX USE.

DEVELOPED BY: **DATE:** 02/23/2011 **OFFICE:** AJV-352 **NAME:** DONALD SMITH (DAN POWELL)

APPROVED BY: **DATE:** 06/27/2011 **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZBW
ATC FACILITY: OXC ATCT
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: MUVGE **STATE:** CT **COUNTRY:** US

INFO ONLY

LATITUDE/LONGITUDE: 411438.04N/0725325.59W **TYPE:** WP, DME

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	MADISON	MAD	VOR/DME	L	258.00	245.00	9.90	9.90		2000	17500

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V475	1				(US)
IAP	RNAV (GPS) RWY 36			KOXC	OXFORD	CT (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 08/25/2011

DEVELOPED BY: **DATE:** 02/24/2011 **OFFICE:** AJV-352 **NAME:** DONALD SMITH (DAN POWELL)

APPROVED BY: **DATE:** 06/27/2011 **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZBW
ATC FACILITY: OXC ATCT, NYC APP CON
OTHER:

QUALITY CHECKED