U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

NDB STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.27

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
JAWED INT	TRX NDB	079.13 / 20.28	2500
IRK VORTAC	TRX NDB	260.25 / 46.21	2600
LMN VORTAC	TRX NDB	143.85 / 35.42	2700
CUTAN INT	TRX NDB	345.95 / 18.70	2500

MISSED APPROACH

MAP: TRX NDB

CLIMB TO 2200 THEN CLIMBING RIGHT TURN TO 2500 DIRECT TRX NDB AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD S, RT, 346.64 INBOUND.
CHART FAS OBST: 1092 TOWER 395736N/0933240W
FAC CROSSES RWY C/L EXTENDED 3001 FROM THLD.

1. PT L SIDE OF COURSE 166.64 OUTBOUND 2500 FT WITHIN 10 MILES OF TRX NDB (IAF)
2.
3. FAC 346.64 FAF DIST FAF TO MAP THLD
4. MIN. ALT
8. MSA FROM: TRX NDB 2600

MAG VAR: 3E EPOCH YEAR:2000

MINIMUMS

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

ALTERNATE: N A X

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-36	1500	1	745	1500	1 1/4	745		NA			NA				
CIRCLING	1500	1	742	1500	1 1/4	742		NA			NA				

NOTES:

CHART NOTE: USE CHILLICOTHE ALTIMETER SETTING. WHEN NOT RECEIVED, USE KIRKSVILLE ALTIMETER SETTING AND INCREASE ALL MDA 100 FEET. INCREASE CIRCLING CAT A VISIBILITY 1/4 MILE.
CHART NOTE: WHEN VGSI INOP, PROCEDURE NA AT NIGHT.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 758 THRE: 755	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
TRENTON, MO	AIRPORT NAME: TRENTON MUNI	TRX	NDB RWY 36, AMDT 10	AMDT 9A
				DATE 09/04/2003

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] **ZKC, AMGR**

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME: **LARRY H STROUT (BRIAN BERUBEE)**	FIFO **AJV-353**	DATE: **07/27/2011**
APPROVED BY		
NAME: **GREGORY YAMAMOTO** **MANAGER**	FIFO **AJV-353**	DATE:

CHANGES:

1. CHANGED FINAL COURSE FROM 345.63 TO 346.64
2. CHANGED PT OUTBOUND COURSE FROM 165.63 TO 166.64
3. CHANGED FAC 284L OR RWY CROSSES RWY C/L EXTENDED 3000 FT TO FAC CROSSES RWY C/L 3001 FROM THLD
4. CHANGED MISSED APPROACH HOLDING INBOUND COURSE CHANGED FROM 346.00 TO 346.64
5. CHANGED JAWED FEEDER COURSE FROM 079.14 TO 079.13
6. ADDED ALTERNATE MINIMUMS NOTE
7. CHANGED TDZE TO THRE
8. ADDED VGSI INOP NOTE
9. ADDED VISIBILITY REDUCTION BY HELICOPTER NA NOTE

REASONS:

1. OPTIMIZATION
2/4. CONSISTENT WITH FINAL COURSE CHANGE
3/5. RECALCULATION
6. ALTERNATE SITE QUALIFIES AND REQUIRES CHARTING
7. CRITERIA
8. UNLIT 20:1 PENETRATIONS
9. 34:1 VISUAL SURFACE PENETRATED

QUALITY 2 CHECKED

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	JAWED INT	TRX NDB	1. TOWER (29-001690)	400506.00N/0934222.00W	1380 (5D)	1000		2400
			2. TERRAIN	400042.00N/0934718.00W	1041 (1000)		AS1500	2500
FEEDER	IRK VORTAC	TRX NDB	3. TOWER (29-020183)	401003.85N/0925004.74W	1303 (5D)	1000		2400
			4. TERRAIN	401139.00N/0925106.00W	1060 (1100)		AS1500	2600
FEEDER	LMN VORTAC	TRX NDB	5. TOWER (19-000539)	403626.00N/0935626.00W	1530 (4D)	1000		2600
			6. TERRAIN	403257.00N/0940045.00W	1159 (1200)		AS1500	2700
FEEDER	CUTAN INT	TRX NDB	7. TOWER (29-001588)	394848.00N/0933527.00W	1300 (5D)	1000		2300
			8. TERRAIN	400409.00N/0933957.00W	959 (1000)		AS1500	2500
FINAL: PT	10 NM	TRX NDB	9. TOWER (29-002745)	395736.00N/0933240.00W	1092 (2C)	350	RA47	1500
2. PROCEDURE TURN	TRX NDB	10 NM	1. TOWER (29-001690)	400506.00N/0934222.00W	1380 (5D)	1000		2400
			10. TERRAIN	400339.00N/0934315.00W	991 (1000)		AS1500	2500
3. MISSED APPROACH — MAP:	TRX NDB	TRX NDB				ASC		2500
			11. TOWER (29-000755)	400500.00N/0933327.00W	1220 (5E)	1000		2300
ELEV:	1103		12. TERRAIN	401018.00N/0933230.00W	932 (900)		AS1500	2400
			13. TANK (29-002941)	400519.87N/0933635.17W	985 (2C)	300	SI	1500
			13. TANK (29-002941)	400519.87N/0933635.17W	985 (2C)	300	SI	1500

4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT. REQUIRED	HT. ABV. ARPT. ACTUAL	
CATEGORY A	1.3 NM	350	742	
CATEGORY B	1.5 NM	450	742	
CATEGORY C	1.7 NM	450		
CATEGORY D	2.3 NM	550		
CATEGORY E	4.5 NM	550		

5. MINIMUM SAFE ALTITUDES — PRIMARY NAVAID: TRX NDB

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A
360-360	TWR (29-002151)	319/ 28.5	1503 (5D)	2600					

QUALITY CHECKED

CITY AND STATE	ELEVATION: 758 / AIRPORT NAME:	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
TRENTON, MO	TRENTON MUNI	TRX NDB	NDB RWY 36, AMDT 10	ACE

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE	3. ALTIMETER SETTING
ZKC ARTCC COU FSS	N W S F A A A / C OTHER: AWOS/ASOS	SOURCE: KCHT/KIRK DISTANCE: 18.60/48.16 HOURS REMOTE OPERATION:
SATISFACTORY ON: X V H F X U H F H F	LOCATION: KCHT/KIRK	ADJUSTMENT: 47/140

4. MONITOR STATUS	PRIMARY NAVAID: TRX NDB	
	MONITOR POINT: TRENTON FD	
	HRS OPTN: CAT 1	24
	HRS OPTN: CAT 3	
5. APPROACH & RUNWAY LIGHTING		ALS
		(S) SALS
		MALS
	X	HIRL 18 (PCL), 36 (PCL)
		MIRL
	X	REIL 18 (PCL), 36 (PCL)
		TDZ
		C/LINE
	X	OTHER (SPECIFY) PAPI-4L 18, 36
6. RUNWAY MARKINGS	BASIC	
	ALL WEATHER	
	INSTRUMENT NPI-G 18, 36	
7. RUNWAY VISUAL RANGE	APPROACH	
	MIDFIELD	
	ROLL OUT	
8. GLIDE PATH	GP ANGLE:	ELEV RWY THRESHOLD:
	DISTANCE FROM RWY:	ELEV GP ANTENNA:
		THRESHOLD CROSSING HEIGHT:
9. FINAL APPROACH COURSE AIMING		RUNWAY THRESHOLD 3001 FT. FROM THRESHOLD
	X	ON CENTERLINE FT. FROM CENTERLINE

10. WAIVERS: NONE

PART D - PREPARED BY: LARRY H STROUT (BRIAN BERUBEE)	DATE: 07/27/2011
TITLE: AERONAUTICAL INFORMATION SPECIALIST	OFFICE: AJV-353

PART C - REMARKS:

VDP NOT ESTABLISHED - FINAL FACILITY DOES NOT HAVE DME.

PARA 251, 20:1 PENETRATION.

PARA 251, 34:1 PENETRATION.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

RASS PRESSURE PATTERNS SAME
KTRX 758, KIRK 966, KCHT 783
RA = 46.34/140.00.
SEE ATTACHED AIRSPACE LETTER.

KCHT AWOS NOT ON SERVICE A
KIRK ASOS ON SERVICE A

80' VEGETATION APPLIED PER AMGR

VGSI DATA: 3.00/30

TERPS VOL 1, VISUAL PORTION OF FINAL PENETRATIONS
20:1
857 TREE (KTRXT0104) 400428.88N/0933520.72W (58.54)

34:1
809 TREE (KTRXT0103) 400423.96N/0933520.90W (13.84)
819 TREE (KTRXT0102) 400419.53N/0933519.80W (10.63)
817 TREE (KTRXT0101) 400418.93N/0933522.33W (6.92)
776 SIGN (KTRXT0064) 400432.57N/0933525.37W (6.59)
780 POLE (KTRXT0098) 400430.83N/0933522.95W (5.34)
775 SIGN (KTRXT0062) 400432.44N/0933527.78W (5.27)
774 SIGN (KTRXT0063) 400432.62N/0933526.87W (4.78)
775 SIGN (KTRXT0096) 400431.93N/0933524.38W (3.66)
773 SIGN (KTRXT0097) 400431.96N/0933523.38W (1.71)
773 GROUND (KTRXT0095) 400431.78N/0933526.59W (1.27)

CENTRAL FPT NOTIFIED OF PENETRATIONS

QUALITY 2 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: CUTAN **STATE:** MO **COUNTRY:** US

LATITUDE/LONGITUDE: 394626.89N/0933055.91W **TYPE:** INT, 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	BRAYMER	BQS	VOR/DME	L	059.56	062.56	18.75	18.75		2900	17500
2	LAMONI	LMN	VORTAC	H	150.00	157.00		53.52		2900	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
LMN	VORTAC	R-150	54	2900	17500

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V502	1, 2				(US)
IAP	NDB RWY 18	1, 2		KTRX	TRENTON	MO (US)
IAP	NDB RWY 36	1, 2		KTRX	TRENTON	MO (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6 **DATE OF REVISION:** 12/15/2011

REASON FOR REVISION:
DELETED WP FROM FIX TYPE
ADDED DIST FROM FAC 1/2
FORMATTED ESV DATA
UPDATED FIX USE

DEVELOPED BY: **DATE:** 07/21/2011 **OFFICE:** AJV-353 **NAME:** LARRY STROUT (BRIAN BERUBEE)

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** GREGORY YAMAMOTO

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZKC
ATC FACILITY: MCI APP CON
OTHER: COU FSS

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: JAWED **STATE:** MO **COUNTRY:** US

LATITUDE/LONGITUDE: 400159.43N/0940144.01W **TYPE:** INT, 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	LAMONI	LMN	VORTAC	H	177.78	184.78	33.91	33.91		3000	17500
2	ST JOSEPH	STJ	VORTAC	H	075.70	083.70	41.56	41.56		3000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
STJ	VORTAC	R-076	42	3000	17500

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V13-161, V50	1, 2				(US)
IAP	NDB RWY 18	1, 2		KTRX	TRENTON	MO (US)
IAP	NDB RWY 36	1, 2		KTRX	TRENTON	MO (US)
IAP	RNAV (GPS) RWY 18			KTRX	TRENTON	MO (US)
IAP	RNAV (GPS) RWY 36			KTRX	TRENTON	MO (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4 **DATE OF REVISION:** 12/15/2011

REASON FOR REVISION:
ADDED DIST FROM FAC FOR FAC 1/2
ADDED ESV DATA
UPDATED FIX USE

DEVELOPED BY: **DATE:** 07/18/2011 **OFFICE:** AJV-353 **NAME:** LARRY STROUT (BRIAN BERUBEE)

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** GREGORY YAMAMOTO

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: CEN
ARTCC: ZKC
ATC FACILITY: MCI APP CON
OTHER:

QUALITY 2 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: TRENTON NDB **STATE:** MO **COUNTRY:** US

LATITUDE/LONGITUDE: 400449.05N/0933534.79W **TYPE:**

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	TRENTON	TRX	NDB	MH							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	S	TRX	NDB	166.64	346.64	R	1		2500	6000	4	5
2	N	TRX	NDB	003.00	183.00	L	1		2500	6000	4	5

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (29-000276)	400507.00N/0933737.00W	1237	5E
2	200	TOWER (29-000276)	400507.00N/0933737.00W	1237	5E

REASON FOR NONSTANDARD HOLDING:
PAT 2 ATC REQUEST

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERNS

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	NDB RWY 14			KCHT	CHILLICOTHE	MO (US)
IAP	NDB RWY 18		2	KTRX	TRENTON	MO (US)
IAP	NDB RWY 36		1	KTRX	TRENTON	MO (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7 **DATE OF REVISION:** 12/15/2011

REASON FOR REVISION:
UPDATED FACILITY ASSOCIATION
CHANGED PATTERN 1 INBOUND COURSE FROM 346.00 TO 346.64
UPDATED FIX USE

DEVELOPED BY: **DATE:** 07/21/2011 **OFFICE:** AJV-353 **NAME:** LARRY STROUT (BRIAN BERUBEE)

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** GREGORY YAMAMOTO

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: CEN
ARTCC: ZKC
ATC FACILITY:
OTHER:

QUALITY 2 CHECKED

RADIO FIX AND HOLDING DATA RECORD

INFO ONLY

NAME: KIRKSVILLE VORTAC **STATE:** MO **COUNTRY:** US

LATITUDE/LONGITUDE: 400806.08N/0923530.17W **TYPE:**

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	KIRKSVILLE	IRK	VORTAC	H							45000

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	IRK	VORTAC	314.00	134.00	R	1		3000	6000	4	5
2	W	IRK	VORTAC	248.00	068.00	L	1 1/2		18000	45000	16	29

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (29-000386)	401335.00N/0923638.00W	1424	4D
1	310	TOWER (29-001437)	401434.00N/0922543.00W	1949	5D

REASON FOR NONSTANDARD HOLDING:
PAT 2 HOLD WEST ON J96.

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERNS.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	VOR-A	KIRK	KIRKSVILLE	MO (US)
1	VOR/DME-B	KIRK	KIRKSVILLE	MO (US)

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	DES MOINES			KDSM	DES MOINES	IA (US)
EN ROUTE	J232					(US)
EN ROUTE	J26					(US)
EN ROUTE	J87					(US)
EN ROUTE	J96		2			(US)
EN ROUTE	Q42					(US)
EN ROUTE	V10					(US)
EN ROUTE	V175					(US)
EN ROUTE	V181					(US)
EN ROUTE	V206					(US)
EN ROUTE	V50					(US)
EN ROUTE	V502					(US)
IAP	NDB RWY 36			K4K6	BLOOMFIELD	IA (US)
IAP	ILS OR LOC/DME RWY 36			KIRK	KIRKSVILLE	MO (US)
IAP	VOR-A		1	KIRK	KIRKSVILLE	MO (US)
IAP	VOR/DME-B		1	KIRK	KIRKSVILLE	MO (US)
IAP	VOR/DME OR GPS RWY 20			KK89	MACON	MO (US)
IAP	NDB RWY 18			KTRX	TRENTON	MO (US)
IAP	NDB RWY 36			KTRX	TRENTON	MO (US)
STAR	MOTIF		2	KMDW	CHICAGO	IL (US)
STAR	BENKY (RNAV)			KORD	CHICAGO	IL (US)
STAR	BRADFORD			KORD	CHICAGO	IL (US)
STAR	MOTIF		2	KGYY	GARY	IN (US)
STAR	BRAYMER			KMCI	KANSAS CITY	MO (US)
STAR	RIVERS			KSTL	ST LOUIS	MO (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 17 **DATE OF REVISION:** 08/25/2011

REASON FOR REVISION:
UPDATED FIX USE.
UPDATED HOLDING PAT 1 310KT CONTROLLING OBSTACLE.

QUALITY 2 CHECKED

DEVELOPED BY:	**DATE:** 02/25/2011	**OFFICE:** AJV-353	**NAME:** DONALD LANIER
APPROVED BY:	**DATE:** 07/11/2011	**OFFICE:** AJV-353	**NAME:** GREGORY YAMAMOTO
	SIGNATURE:		

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZKC
ATC FACILITY:
OTHER:

QUALITY 2 CHECKED

RADIO FIX AND HOLDING DATA RECORD

INFO ONLY

NAME: LAMONI VORTAC **STATE:** IA **COUNTRY:** US

LATITUDE/LONGITUDE: 403548.30N/0935803.32W **TYPE:**

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	LAMONI	LMN	VORTAC	H							45000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
LMN	VORTAC	R-072	102	13000	17500

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

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
UPN	200	TOWER (19-001514)	403503.00N/0940642.00W	1555	4D

REMARKS:
UNPLANNED HOLDING AUTHORIZED AT OR ABOVE 3400.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
UNPLANNED HOLDING OBSTACLE AC 4D FROM OE STUDY 1999-ACE-418-OE.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	DES MOINES			KDSM	DES MOINES	IA (US)
DP	BLUFS			KOMA	OMAHA	NE (US)
EN ROUTE	J64					(US)
EN ROUTE	V13					(US)
EN ROUTE	V161					(US)
EN ROUTE	V181					(US)
EN ROUTE	V216					(US)
EN ROUTE	V77					(US)
IAP	NDB RWY 34			KCSQ	CRESTON	IA (US)
IAP	ILS OR LOC RWY 13			KDSM	DES MOINES	IA (US)
IAP	ILS OR LOC RWY 31			KDSM	DES MOINES	IA (US)
IAP	ILS OR LOC RWY 5			KDSM	DES MOINES	IA (US)
IAP	ILS RWY 31 (CAT II)			KDSM	DES MOINES	IA (US)
IAP	ILS RWY 31 (CAT III)			KDSM	DES MOINES	IA (US)
IAP	VOR/DME RWY 23			KDSM	DES MOINES	IA (US)
IAP	RNAV (GPS) RWY 36			KI75	OSCEOLA	IA (US)
IAP	NDB RWY 18			KTRX	TRENTON	MO (US)
IAP	NDB RWY 36			KTRX	TRENTON	MO (US)
STAR	MOTIF			KMDW	CHICAGO	IL (US)
STAR	MOTIF			KGYY	GARY	IN (US)
STAR	BRAYMER			KMCI	KANSAS CITY	MO (US)
STAR	MARWI			KOFF	OMAHA	NE (US)
STAR	MARWI			KOMA	OMAHA	NE (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 8 **DATE OF REVISION:** 08/25/2011

REASON FOR REVISION:
UPDATED FIX USE.
UPDATED UNPLANNED HOLDING CONTROLLING OBSTACLE NUMBER.
ADDED PRECIPITOUS TERRAIN EVALUATION REMARK.

07/08/11: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 05/16/2011.
1. ADDED ESV DATA.

DEVELOPED BY: **DATE:** 02/25/2011 **OFFICE:** AJV-353 **NAME:** DONALD LANIER

APPROVED BY: **DATE:** 07/11/2011 **OFFICE:** AJV-353 **NAME:** GREGORY YAMAMOTO

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: CEN
ARTCC: ZMP, ZKC
ATC FACILITY:
OTHER:

QUALITY 2 CHECKED

TERMINAL AIRSPACE DATA REQUIREMENTS

CITY: **TRENTON** STATE: **MO**

AIRPORT NAME: **TRENTON MUNI** ID: **KTRX**

PROCEDURE: **NDB RWY 36** AMDT: **10**

DOCKET # :
(96-AXX-X/Required/Not Required)

ALL DIST TO 1/100 NM; ELEV TO NEAREST FT; COORD TO 1/100 SEC; DEG TO 1/100 DG.

1. Distance from **NDB** to 1000' point **8.00**
   (Enter THLD, FAF, ARP, FACILITY, as appropriate)
2. Width of **FINAL** segment at 1000' point **5.28**
   (Enter appropriate segment , final, intermediate, etc.)
3. True Course of **FINAL** segment containing 1000' point **349.64**
4. High Terrain in **FINAL** segment containing 1000' point **879**
5. Distance from **NDB** to 1500' point **9.80**
   (If 1500' point in PT maneuvering area or holding pattern note in remarks)
6. Width of **FINAL** segment at 1500' point **5.90**
7. True Course of **FINAL** segment containing 1500' point **349.64**
8. High Terrain in **FINAL** segment containing 1500' point **879**
9. Threshold Coordinates (if straight-in) ... **400439.42N** / **0933525.94W**
10. ARP Coordinates ..... **400500.70N** / **0933526.66W**
11. Runway Approach End and distance furthest from ARP.....RWY **18**
    Distance **.35** NM
12. FAF Coordinates ..... _____ / _____
    (Click to Select)

REMARKS: Approach/Drawing attached.
NO FAF PROCEDURE TURN