Flight Procedure Tracking Form	Action: FLIGHT CHECK	Task Type: IAP	Date Open: 02/28/2011	Task #: 2011022826502101001	Request #: 20110228265021
Procedure: RNAV (GPS) RWY 34 ORIG		Airport ID: KMDD	**Airport:** MIDLAND AIRPARK		Reimbursable #:
City: MIDLAND	**ST:** TX	GPS #:		Estimated Chart Date: 07/26/2012	FICO #:
Fac ID:	**Fac. Type:** LPV		**Specialist:** DEANNA FIELDS		

LPV

P1

Procedure Review

	Rec'd	Rel'd	Full Name	Comments
Lead:	01/20/2012	03/19/2012	JILL OLSON	
QA:	03/19/2012	03/31/2012	STEVEN SZUKALA	
Liaison:	03/31/2012		Alfonso	

Procedure Comments:

Remark Type: INFORMATION

pkg 1 of 1

MIDLAND, TX MIDLAND AIRPARK (KMDD) RNAV (GPS) RWY 34, ORIG (LPV) ENROUTE-NO FC: 6.12.12 PUB: 7.26.12

ATTACHED FORMS: 8260-3; 8260-10; 8260-9; 8260-2(S): CEXOM, ORIG; HIBMA, ORIG; UMCEJ, ORIG; ZEBIB, ORIG.

CONTACT: JILL OLSON, AJV-353 LEAD, 405.954.9568:

RNAV (GPS) RWY 34

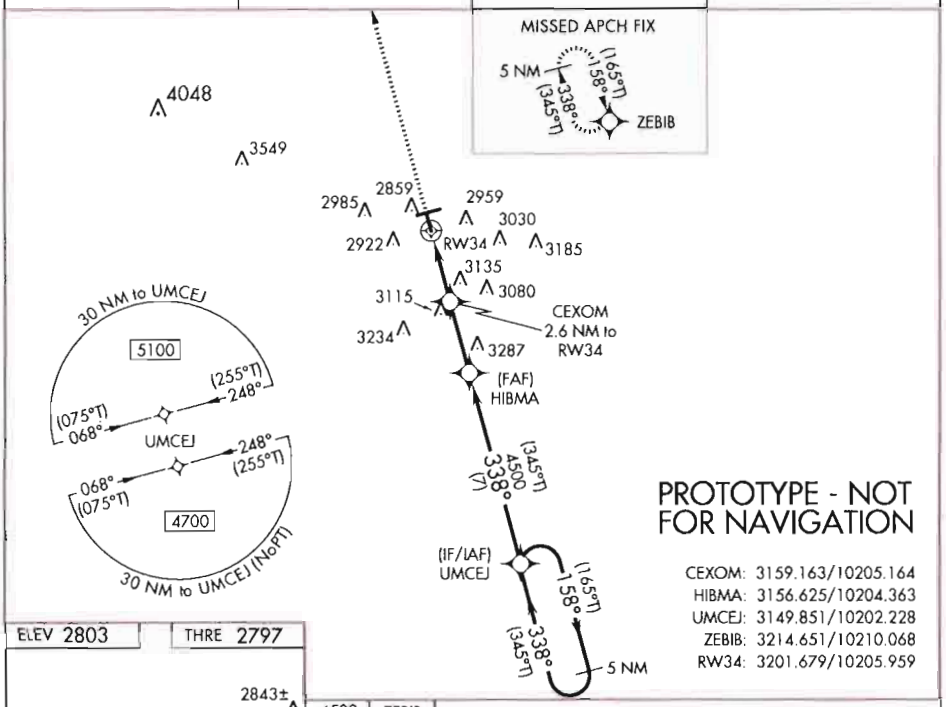
MIDLAND AIRPARK (MDD)

WAAS	APP CRS	Rwy Idg	3977
CH 58029	338°	THRE	2797
W34A		Apt Elev	2803

Baro-VNAV NA when using Midland Intl altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -20°C (-4°F) or above 54°C (130°F). DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. VDP NA with Midland Intl altimeter setting. When local altimeter setting not received, use Midland Intl altimeter setting and increase all DA 28 feet, all MDA 40 feet, increase LNAV/VNAV all CATS visibility 1/8.

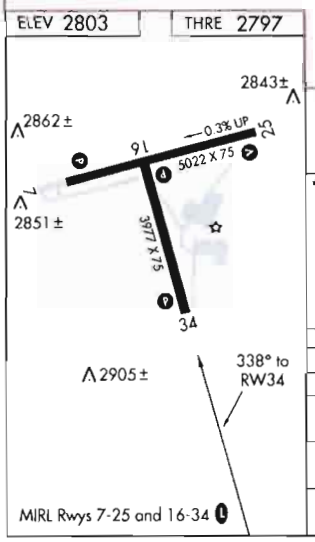
MISSED APPROACH: Climb to 4500 direct ZEBIB and hold.

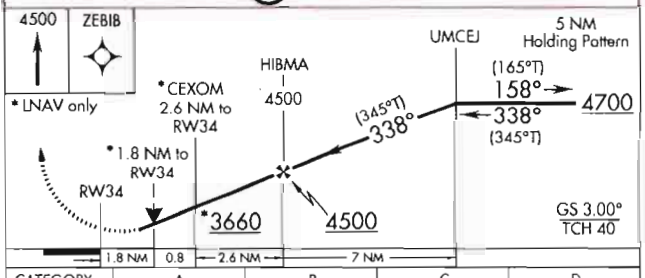
AWOS-3	MIDLAND APP CON *	CLNC DEL	UNICOM
118.125	124.6 290.4	121.8	122.7 (CTAF)



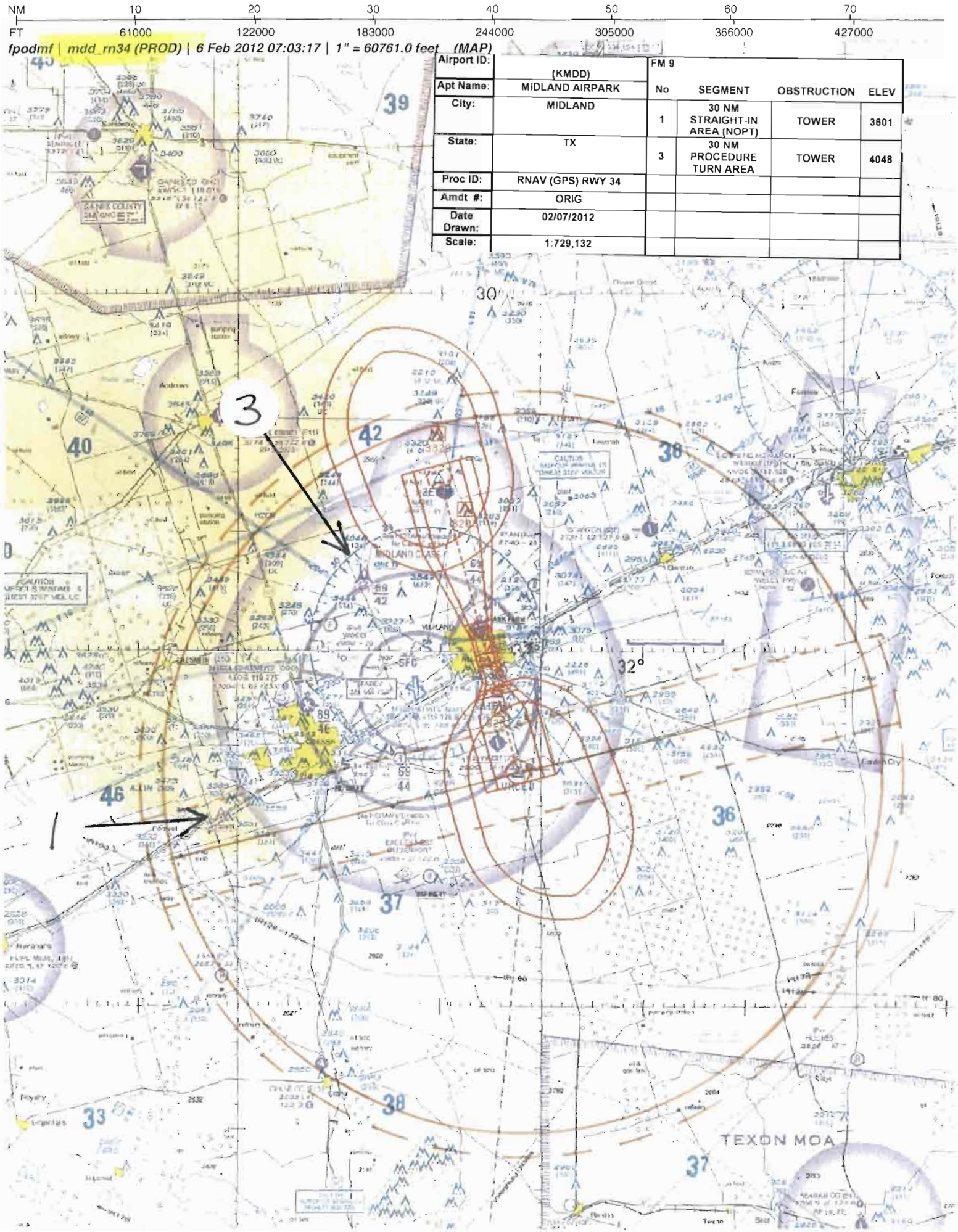
PROTOTYPE - NOT FOR NAVIGATION

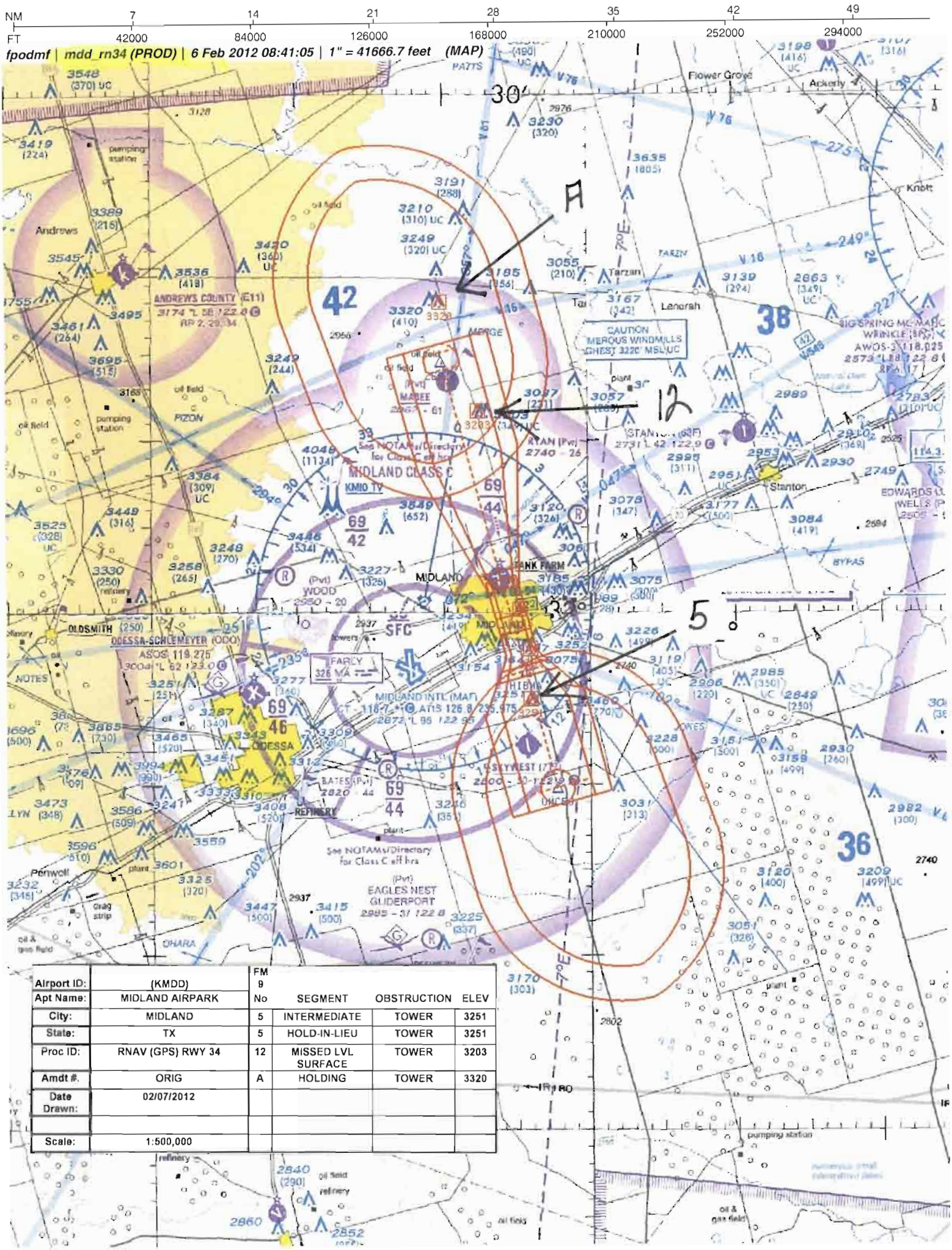
CEXOM: 3159.163/10205.164
HIBMA: 3156.625/10204.363
UMCEJ: 3149.851/10202.228
ZEBIB: 3214.651/10210.068
RW34: 3201.679/10205.959





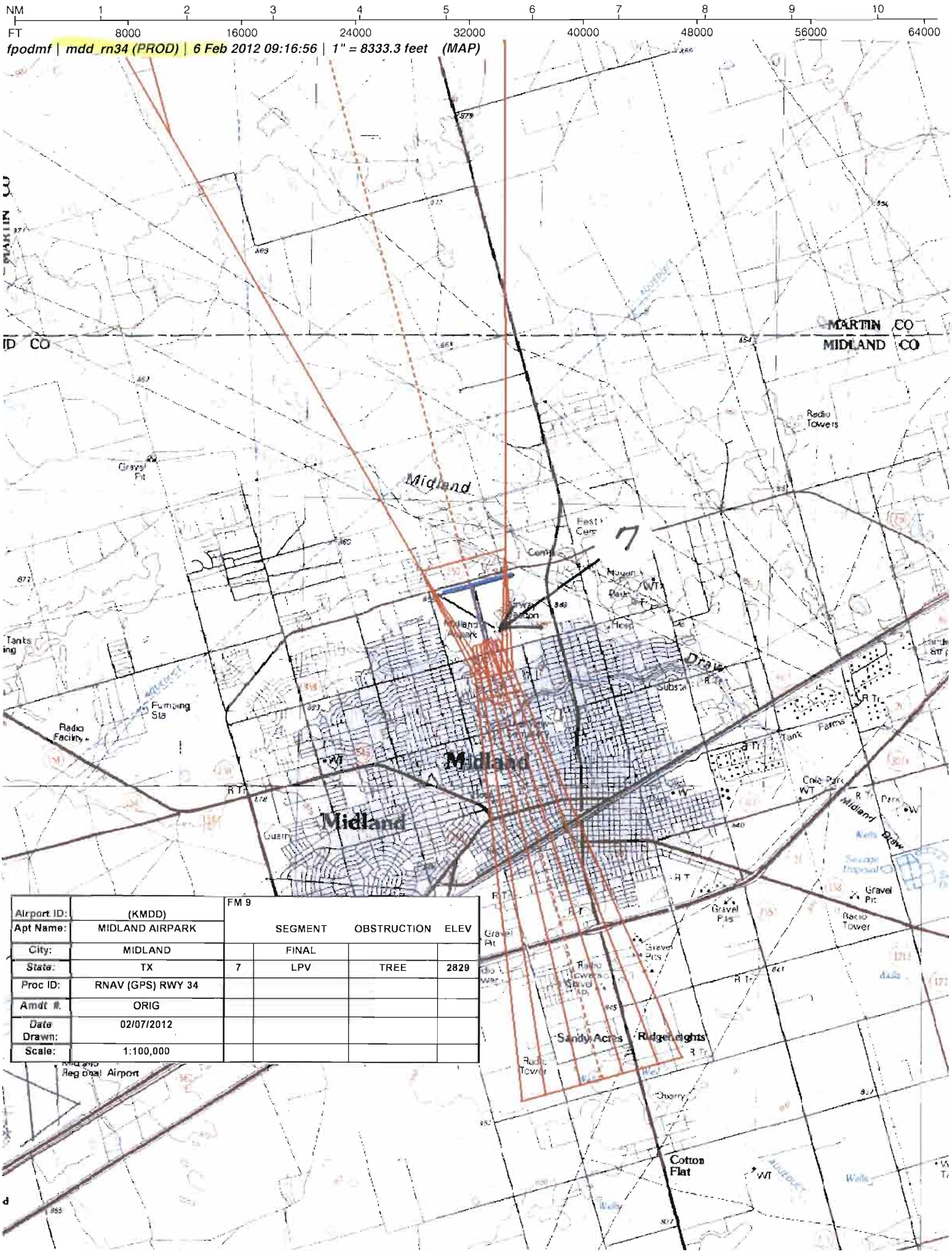
CATEGORY	A	B	C	D
LPV DA	3047-⅞	250 (300-⅞)	NA	
LNAV/VNAV DA	3067-⅞	270 (300-⅞)	NA	
LNAV MDA	3400-1	603 (600-1)	NA	
CIRCLING	3400-1	597 (600-1)	NA	


NM 10 20 30 40 50 60 70
FT 61000 122000 183000 244000 305000 366000 427000
fpodmf | mdd_rn34 (PROD) | 6 Feb 2012 07:03:17 | 1" = 60761.0 feet (MAP)
Airport ID: (KMDD)
Apt Name: MIDLAND AIRPARK
City: MIDLAND
State: TX
Proc ID: RNAV (GPS) RWY 34
Amdt #: ORIG
Date Drawn: 02/07/2012
Scale: 1:729,132
FM 9
No SEGMENT OBSTRUCTION ELEV
1 30 NM STRAIGHT-IN AREA (NOPT) TOWER 3601
3 30 NM PROCEDURE TURN AREA TOWER 4048
3
1
TEXON MOA

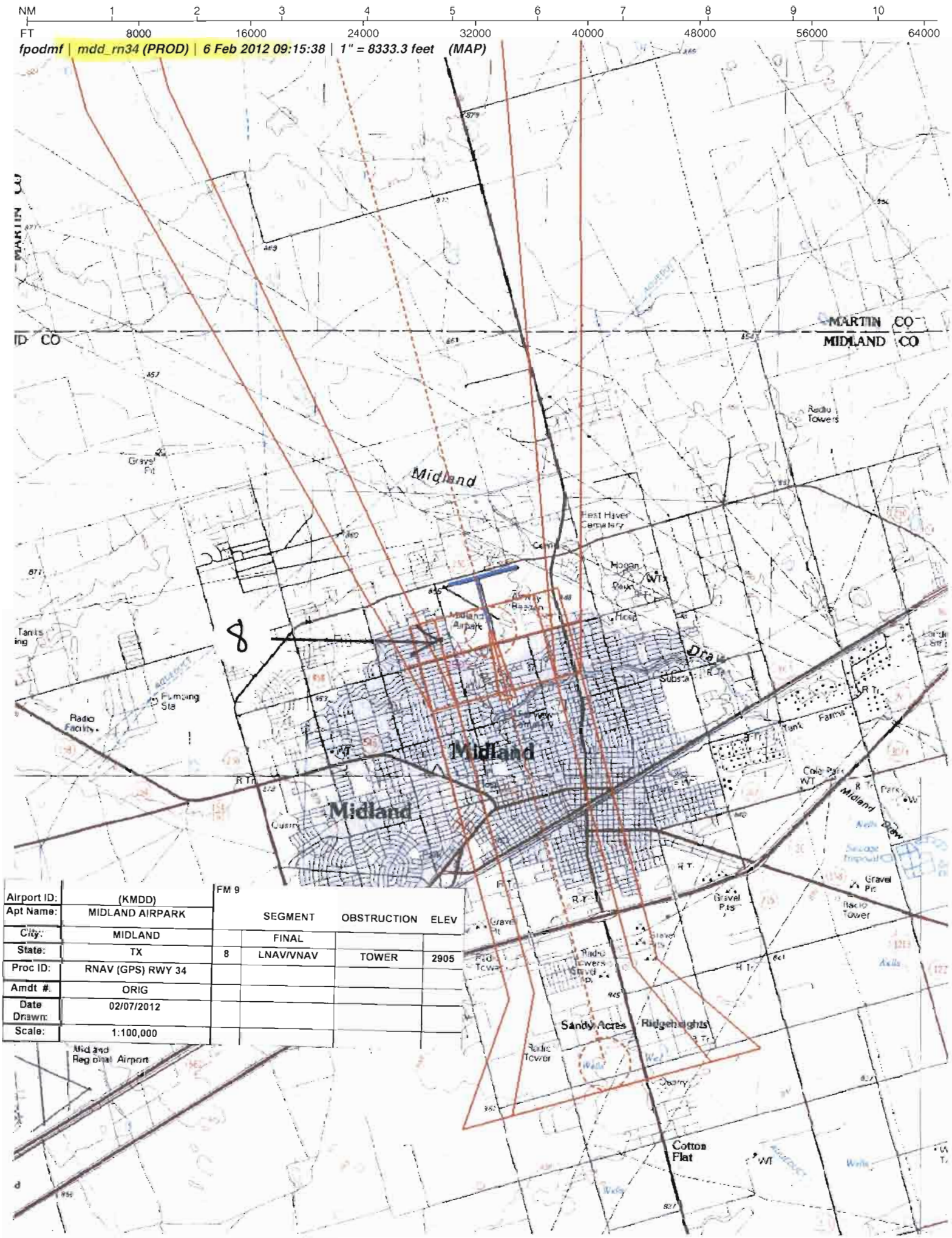


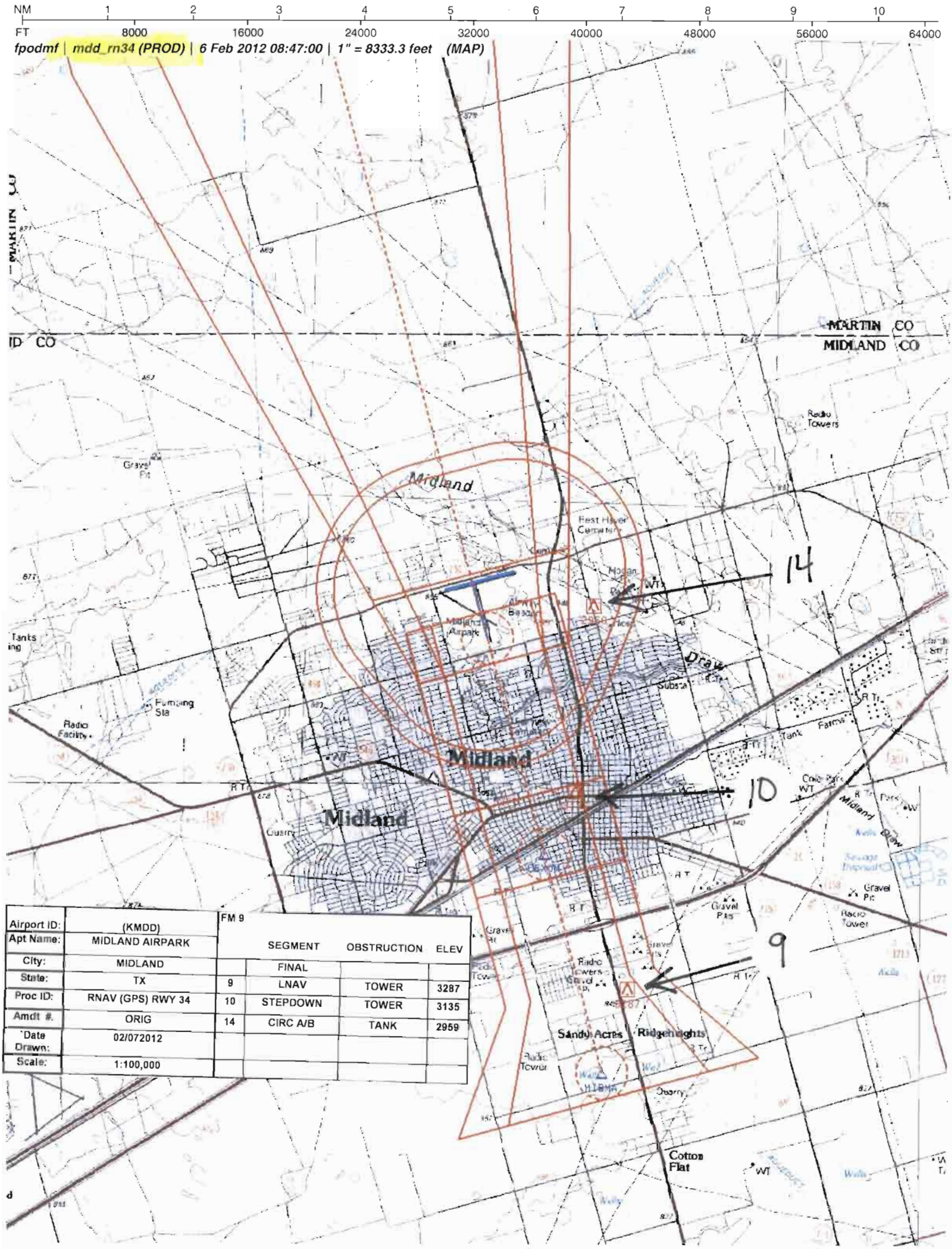
Airport ID:	(KMDD)
Apt Name:	MIDLAND AIRPARK
City:	MIDLAND
State:	TX
Proc ID:	RNAV (GPS) RWY 34
Amdt #:	ORIG
Date Drawn:	02/07/2012
Scale:	1:500,000

FM 9 No	SEGMENT	OBSTRUCTION	ELEV
5	INTERMEDIATE	TOWER	3251
5	HOLD-IN-LIEU	TOWER	3251
12	MISSED LVL SURFACE	TOWER	3203
A	HOLDING	TOWER	3320



Airport ID:	(KMDD)	FM 9			
Apt Name:	MIDLAND AIRPARK		SEGMENT	OBSTRUCTION	ELEV
City:	MIDLAND		FINAL		
State:	TX	7	LPV	TREE	2829
Proc ID:	RNAV (GPS) RWY 34				
Amdt #:	ORIG				
Date Drawn:	02/07/2012				
Scale:	1:100,000				


NM 1 2 3 4 5 6 7 8 9 10
FT 8000 16000 24000 32000 40000 48000 56000 64000
fpodmf | mdd_rn34 (PROD) | 6 Feb 2012 09:15:38 | 1" = 8333.3 feet (MAP)
MARTIN CO
MIDLAND CO
Midland
Midland
Midland
Midland Airpark
Midland Regional Airport
Sandy Acres
Ridgeheights
Cotton Flat
FM 9
Airport ID: (KMDD)
Apt Name: MIDLAND AIRPARK
City: MIDLAND
State: TX
Proc ID: RNAV (GPS) RWY 34
Amdt #: ORIG
Date Drawn: 02/07/2012
Scale: 1:100,000
SEGMENT OBSTRUCTION ELEV
FINAL
8 LNAV/VNAV TOWER 2905



Airport ID:	(KMDD)	FM 9			
Apt Name:	MIDLAND AIRPARK		SEGMENT	OBSTRUCTION	ELEV
City:	MIDLAND		FINAL		
State:	TX	9	LNAV	TOWER	3287
Proc ID:	RNAV (GPS) RWY 34	10	STEPDOWN	TOWER	3135
Amdt #.	ORIG	14	CIRC A/B	TANK	2959
`Date Drawn:	02/072012				
Scale:	1:100,000				

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
UMCEJ (IF/IAF)	HIBMA (FB)	337.96 / 7.00	4500
HIBMA (FAF)	CEXOM/2.60 NM TO RW34 (FB)	337.94 / 2.62	
CEXOM/2.60 NM TO RW34	RW34 (MAP) (FO)	337.94 / 2.60	
RW34 (MAP)	3047 MSL	337.94	
3047 MSL	ZEBIB (FO)		4500

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW34

CLIMB TO 4500 DIRECT ZEBIB AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD N, RT, 157.90 INBOUND.
CHART FAS OBST: 2905 TOWER 320123N/1020624W
CHART FAS OBST: 3135 TOWER 315949N/1020444W
DISTANCE TO THLD FROM 250 HATH: 0.66 NM.
CHART VDP AT 1.77 MILES TO RW34*
*LNAV ONLY.
WAAS CHANNEL # 58029
REFERENCE PATH ID: W34A
LTP HAE: 827.8 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD S UMCEJ, RT, 337.96 INBOUND, 4700 FT. IN LIEU OF PT (IAF)
3. FAC: 337.94 FAF: HIBMA DIST FAF TO MAP: 5.22 THLD: 5.22
4. MIN. ALT: UMCEJ 4700, HIBMA 4500, CEXOM/2.60 NM TO RW34 3660*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 4500 GS ALT AT: HIBMA 4500 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS NOT CLEAR
8. MSA FROM:

MAG VAR: 7E EPOCH YEAR: 2010

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	3047	7/8	250	3047	7/8	250		NA			NA				
LNAV/VNAV DA	3067	7/8	270	3067	7/8	270		NA			NA				
LNAV MDA	3400	1	603	3400	1	603		NA			NA				
CIRCLING	3400	1	597	3400	1	597		NA			NA				

NOTES:
CHART NOTE: BARO-VNAV NA WHEN USING MIDLAND INTL ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -20C (-4F) OR ABOVE 54C (130F).
CHART NOTE: DME/DME RNP-0.3 NA.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY 2 CHECKED

(SEE FORM 8260-10)

CITY AND STATE	ELEVATION: 2803 THRE: 2797 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
MIDLAND, TX	MIDLAND AIRPARK	RNAV	RNAV (GPS) RWY 34, ORIG	AMDT: NONE
				DATED

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] **ZFW ARTCC, MAF CON, AMGR**

FLIGHT CHECKED BY

NAME:	FIFO	DATE:

DEVELOPED BY

NAME:	FIFO	DATE:
DEANNA M. FIELDS	**AJV-353**	**02/01/2012**

APPROVED BY

NAME:		FIFO	DATE:
LARRY H STROUT	**MANAGER**	**AJV-353**	

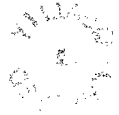
CHANGES:

ORIG

REASONS:

FPT REQUESTED.

PDFEDIT ITEMS FOR 8260-3 TERMINAL ROUTE:
1. FROM HIBMA TO CEXOM/2.60 NM TO RW34 (FB): ADDED (FAF) TO HIBMA AND DELETE ALTITUE 3660*
2. FROM 3047 MSL TO ZEBIB (FO): ALTITUDE CHANGED FROM 3047 TO 4500.



US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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NOTES, (CONT.):
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART NOTE: VDP NA WITH MIDLAND INTL ALTIMETER SETTING.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MIDLAND INTL ALTIMETER SETTING AND INCREASE ALL DA 28 FEET, ALL MDA 40 FEET, INCREASE LNAV/VNAV ALL CATS VISIBILITY 1/8.

TAA

	FROM	TO	ALT
1.	248/30 CW 068/30 (NOPT)	UMCEJ (IF/IAF) (FB)	4700
2.	068/30 CW 248/30	UMCEJ (IF/IAF) (FO)	5100

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 2803 THRE: 2797	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
MIDLAND, TX	AIRPORT NAME: MIDLAND AIRPARK	RNAV	RNAV (GPS) RWY 34, ORIG	AMDT: NONE
				DATED:

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

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 2 CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KMDD
RUNWAY	RW34
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W34A
LTP/FTP LATITUDE	320140.7095N
LTP/FTP LONGITUDE	1020557.5490W
LTP/FTP ELLIPSOIDAL HEIGHT	+08278
FPAP LATITUDE	320306.9300N
FPAP LONGITUDE	1020624.8100W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1536
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	BE68B52E

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+08524
FPAP ORTHOMETRIC HEIGHT	+08524

QUALITY CHECKED

CITY AND STATE	ELEVATION: 2803 THRE: 2797	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
MIDLAND, TX	AIRPORT NAME: MIDLAND AIRPARK	RNAV	RNAV (GPS) RWY 34, ORIG	AMDT: NONE
				DATED:

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

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ARINC PACKET - 424-18 - RNAV (GPS)

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   CEXOM K40    W     N31590976W102050986                    E0068     NAR           CEXOM
        SUSAEAENRT   HIBMA K40    W     N31563748W102042180                    E0068     NAR           HIBMA
        SUSAEAENRT   UMCEJ K40    W     N31495103W102021370                    E0067     NAR           UMCEJ
        SUSAEAENRT   ZEBIB K40    W     N32143905W102100409                    E0068     NAR           ZEBIB

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMDDK4AMDD     0     050YHN32021150W102060370E007002803          1800018000C    MNAR    MIDLAND AIRPARK

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMDDK4FR34   AUMCEJ 010UMCEJK4EA0EE AR   HF                    33800050    + 04700     18000                A JS
        SUSAP KMDDK4FR34   R      010UMCEJK4EA0E  I    IF                                + 04700     18000                A JS
        SUSAP KMDDK4FR34   R      020HIBMAK4EA1E  F 051TF                    33800070    + 04500                          A JS
        SUSAP KMDDK4FR34   R      020HIBMAK4EA2WALPV       ALNAV/VNAV ALNAV                                               JS
        SUSAP KMDDK4FR34   R      021CEXOMK4EA0E S  031TF                    33790026    V 0366003665        -300         A JS
        SUSAP KMDDK4FR34   R      030RW34 K4PG0GY M 031TF                    33790026      02837             -300         A JS
        SUSAP KMDDK4FR34   R      040         0  M     CA                    3379        + 03047                          A JS
        SUSAP KMDDK4FR34   R      050ZEBIBK4EA0EY      DF                              + 04500                          A JS
        SUSAP KMDDK4FR34   R      060ZEBIBK4EA0EE  R   HM                    15790050    + 04500                          A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMDDK4GRW34    0039773379 N32014071W102055755+0100    +08278027970000400 75R

                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMDDK4PR34   RW34 001 0000W34A0N3201407095W10205575490+082780300N3203069300W10206248100106751536000400F400500BE68B52E
        SUSAP KMDDK4PR34   RW34 002E      +08524+08524LPV       58029
```

CITY AND STATE	ELEVATION: **2803** **THRE: 2797**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
MIDLAND, TX	AIRPORT NAME: **MIDLAND AIRPARK**	**RNAV**	**RNAV (GPS) RWY 34, ORIG**	AMDT: **NONE**
				DATED:

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:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.33**

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	UMCEJ	UMCEJ	010	IAF	HF	R	FO		338.0(345.0T)	005.0	AA 04700	
		UMCEJ	010	FACF	IF		FB				AA 04700	
		HIBMA	020	FAF	TF		FB	0.5	338.0(345.0T)	007.0	AA 04500	
		CEXOM	021	SDF	TF		FB	0.3	337.9(344.9T)	002.6	AA 03660 GS 03665	
		RW34	030	MAP	TF		FO	0.3	337.9(344.9T)	002.6	AT 02837	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		337.9(344.9T)		AA 03047	
	ZEBIB	050		DF		FO				AA 04500	
	ZEBIB	060		HM	R	FO		157.9(164.9T)	005.0	AA 04500	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CEXOM	N315909.76	W1020509.86	N3159.163	W10205.164
	HIBMA	N315637.48	W1020421.80	N3156.625	W10204.363
	UMCEJ	N314951.03	W1020213.70	N3149.851	W10202.228
	ZEBIB	N321439.05	W1021004.09	N3214.651	W10210.068
	RW34	N320140.71	W1020557.55	N3201.679	W10205.959

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW34	02797	40

QUALITY 1 CHECKED

CITY AND STATE	ELEVATION: **2803** **THRE: 2797**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
MIDLAND, TX	AIRPORT NAME: **MIDLAND AIRPARK**	**RNAV**	**RNAV (GPS) RWY 34, ORIG**	AMDT: **NONE**
				DATED:

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

COORDINATED WITH:

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

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	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.
STRAIGHT-IN AREA	248/30 CW 068/30	UMCEJ	1. TOWER (48-003393)	314540.00N/1023130.00W	3601 (5D)	1000		4700
			2. TERRAIN	314324.00N/1022930.00W	3032 (3000)		AS1500	4500
STRAIGHT-IN AREA	068/30 CW 248/30	UMCEJ	3. TOWER (48-005355)	320551.00N/1021723.00W	4048 (1A)	1000		5100
			4. TERRAIN	315136.00N/1023651.00W	3160 (3200)		AS1500	4700
INTERMEDIATE	UMCEJ (IF/IAF)	HIBMA	5. TOWER (48-004778)	315434.00N/1020402.00W	3251 (5D)	500	AT749	4500
			6. TERRAIN	315039.00N/1020418.00W	2834 (2800)		AS1500	4300
FINAL: LPV	HIBMA	RW34	7. TREE (KMDDL081)	320133.11N/1020552.41W	2829 (1A)	34:1		3047/250
FINAL: LNAV/VNAV	HIBMA	RW34	8. TOWER (48-013028)	320122.83N/1020624.32W	2905 (2C)	23.4:1	AC20	3067/270
FINAL: LNAV	HIBMA	CEXOM/2.60 NM TO RW34	9. TOWER (48-000685)	315730.00N/1020401.00W	3287 (4D)	250	AC50 RA28 DG45	3660
FINAL: LNAV STEPDOWN	CEXOM/2.60 NM TO RW34	RW34	10. TOWER (48-000719)	315949.00N/1020444.00W	3135 (1A)	250		3400
2. HOLD-IN-LIEU-OF-PT	UMCEJ	P-6	5. TOWER (48-004778)	315434.00N/1020402.00W	3251 (5D)	1000	AT449	4700
			11. TERRAIN	314915.00N/1020627.00W	2867 (2900)		AS1500	4400
3. MISSED APPROACH MAP:	DA / DA / RW34	ZEBIB				ASC		4500
			12. TOWER (48-012721)	321120.00N/1020734.00W	3203 (5E)	1000		4300
ELEV:	2860/2925/3300		13. TERRAIN	320915.00N/1021048.00W	2934 (2900)		AS1500	4400

4. CIRCLING AREA	DISTANCE		HT. ABV. ARPT.								
CATEGORY A	1.3 NM	REQUIRED	350	ACTUAL	597	14. TANK (48-007738)	320158.00N/1020429.00W	2959 (5D)	300	SI	3400
CATEGORY B	1.5 NM		450		597	14. TANK (48-007738)	320158.00N/1020429.00W	2959 (5D)	300	SI	3400
CATEGORY C	1.7 NM		450								
CATEGORY D	2.3 NM		550								
CATEGORY E	4.5 NM		550								

5. MINIMUM SAFE ALTITUDES — PRIMARY NAVAID:

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A

QUALITY CHECKED 2

CITY AND STATE	ELEVATION: 2803 / AIRPORT NAME:	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
MIDLAND, TX	MIDLAND AIRPARK	RNAV	RNAV (GPS) RWY 34, ORIG	ASW

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE	3. ALTIMETER SETTING
ZFW ARTCC MAF APP CON	N W S / F A A / A / C — OTHER: AWOS-3	SOURCE: KMDD / KMAF DISTANCE: 0 / 7.63 HOURS REMOTE OPERATION: 24 / BACKUP
SATISFACTORY ON:		
X V H F X U H F H F	LOCATION: KMDD	ADJUSTMENT: 0 / 28

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

5. APPROACH & RUNWAY LIGHTING		
		ALS
		(S) SALS
		MALS
		HIRL
	X	MIRL 16 (PCL), 34 (PCL), 25 (PCL), 07 (PCL)
		REIL
		TDZ
		C/LINE
	X	OTHER (SPECIFY) PAPI-2L 16, 34, 07 VASI-4L 25 (PCL)

6. RUNWAY MARKINGS	BASIC BSC-G 16, 34, 07		
	ALL WEATHER		
	INSTRUMENT NPI-G 25		
7. RUNWAY VISUAL RANGE	APPROACH		
	MIDFIELD		
	ROLL OUT		
8. GLIDE PATH	GP ANGLE: 3.00	ELEV RWY THRESHOLD: 2796.6	
	DISTANCE FROM RWY:	ELEV GP ANTENNA:	
		THRESHOLD CROSSING HEIGHT: 40.0	

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

10. WAIVERS: NONE

PART D - PREPARED BY: DEANNA M. FIELDS	DATE: 02/01/2012
TITLE: AERONAUTICAL INFORMATION SPECIALIST	OFFICE: AJV-353

PART C - REMARKS:

PARA 251, 34:1 PENETRATION.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

RASS PRESSURE PATTERNS SAME
KMDD 2803.4, KMAF 2872.1
RA = 27.17.
SEE ATTACHED AIRSPACE LETTER.

KMDD AWOS AND KMAF ASOS ON SERVICE A.

VGSI DATA: 3.00/40 TCH.

NO HISTORICAL DATA AVAILABLE. AVERAGE COLD TEMPERATURE BASED ON STANDARD -30C ISA DEVIATION.

BARO-VNAV N/A ABOVE 131C (267F) CALCULATED HIGH TEMP EXCEEDS 54C - CHART 54 C (130F).

LPV SLOPE =34:1.

LNAV/VNAV:
SURFACE = 23.4:1

TAA DEVELOPED PER FPT.

25' VEGETATION USED WITHIN 5NM PER FPT.

FPT INFORMED OF 34:1 PENETRATION.

TERPS, VOLUME 1, PARAGRAPH 251 PENETRATIONS:
RWY 34 34:1:
2830 TREE (KMDDL084) (20/3) 320128.51N/1020557.20W (4.05)

2829 TREE (KMDDL081) (20/3) 320133.11N/1020552.41W) (13.10)

MISSED APPROACH HOLDING INBOUND COURSE ALIGNED TO KMAF RWY 16 FINAL APPROACH COURSE PER ATC/FPT.

QUALITY 2 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: CEXOM **STATE:** TX **COUNTRY:** US

LATITUDE/LONGITUDE: 315909.76N/1020509.86W **TYPE:** WP

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 34			KMDD	MIDLAND	TX (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 07/26/2012

DEVELOPED BY: **DATE:** 02/01/2012 **OFFICE:** AJV-353 **NAME:** DEANNA FIELDS

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZFW
ATC FACILITY: MAF APP CON
OTHER:

QUALITY 2 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: HIBMA **STATE:** TX **COUNTRY:** US

LATITUDE/LONGITUDE: 315637.48N/1020421.80W **TYPE:** WP

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 34			KMDD	MIDLAND	TX (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 07/26/2012

DEVELOPED BY: **DATE:** 02/01/2012 **OFFICE:** AJV-353 **NAME:** DEANNA FIELDS

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZFW
ATC FACILITY: MAF APP CON
OTHER:

QUALITY 2 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: UMCEJ **STATE:** TX **COUNTRY:** US

LATITUDE/LONGITUDE: 314951.03N/1020213.70W **TYPE:** WP

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

HOLDING: **HOLDING TYPE OF ACTION:** ESTABLISH

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	157.96	337.96	R		5	4700	14000	6	11

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (48-004778)	315434.00N/1020402.00W	3251	5D

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	RNAV (GPS) RWY 34.		1	KMDD	MIDLAND	TX (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 07/26/2012

DEVELOPED BY: **DATE:** 02/01/2012 **OFFICE:** AJV-353 **NAME:** DEANNA FIELDS

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZFW
ATC FACILITY: MAF APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: ZEBIB **STATE:** TX **COUNTRY:** US

LATITUDE/LONGITUDE: 321439.05N/1021004.09W **TYPE:** WP

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

HOLDING: **HOLDING TYPE OF ACTION:** ESTABLISH

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	N		WP	337.90	157.90	R		5	4500	14000	6	11

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (48-013424)	321741.81N/1021007.13W	3320	2C

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	RNAV (GPS) RWY 34		1	KMDD	MIDLAND	TX (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 07/26/2012

DEVELOPED BY: **DATE:** 02/01/2012 **OFFICE:** AJV-353 **NAME:** DEANNA FIELDS

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZFW
ATC FACILITY: MAF APP CON
OTHER:

QUALITY 2 CHECKED

TERMINAL AIRSPACE DATA REQUIREMENTS

CITY: **MIDLAND** STATE: **TX**

AIRPORT NAME: **MIDLAND AIRPARK** ID: **KMDD**

PROCEDURE: **RNAV (GPS) RWY 34** AMDT: **Orig**

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	**THLD**	to 1000' point	**3.03**
(Enter THLD, FAF, ARP, FACILITY, as appropriate)			
2. Width of	**FINAL**	segment at 1000' point	**1.20**
(Enter appropriate segment, final, intermediate, etc.)			
3. True Course of	**FINAL**	segment containing 1000' point	**344.94**
4. High Terrain in	**FINAL**	segment containing 1000' point	**2824**
5. Distance from	**THLD**	to 1500' point	**4.82**
(If 1500' point in PT maneuvering area or holding pattern note in remarks)			
6. Width of	**FINAL**	segment at 1500' point	**1.76**
7. True Course of	**FINAL**	segment containing 1500' point	**344.94**
8. High Terrain in	**FINAL**	segment containing 1500' point	**2824**

9. Threshold Coordinates (if straight-in) ... **320140.71N** / **1020557.55W**

10. ARP Coordinates ..... **320211.50N** / **1020603.70W**

11. Runway Approach End and distance furthest from ARP ..... RWY **34**

Distance **0.52** NM

12. FAF Coordinates ..... **315637.48N** / **1020421.80W**

REMARKS: Approach/Drawing attached.
UMCEJ (IF/IAF) 314951.03N/1020213.70W