

**U.S. DEPARTMENT OF TRANSPORTATION --
FEDERAL AVIATION ADMINISTRATION -- FLIGHT STANDARDS SERVICE
NDB SPECIAL INSTRUMENT APPROACH PROCEDURE -- FLIGHT STANDARDS SERVICE**

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.

If an instrument approach procedure of the above type is conducted at the below named airport, it shall be conducted in accordance with a charted instrument approach procedure predicted on the specifications contained herein, unless an approach is conducted in accordance with a different procedure for such airport authorized by the Administrator. Minimum altitudes shall correspond with those established for en route operation in the particular area or as set forth below.

SPECIFICATION - NOT FOR COCKPIT USE

TERMINAL ROUTES				MISSED APPROACH	
FROM	TO	COURSE AND DISTANCE	ALTITUDE	MAP:	
COT VORTAC	CPZ NDB	291.01 / 53.94	2800	1.55 MILES AFTER CPZ NDB	
				CLIMB TO 1400 THEN CLIMBING LEFT TURN TO 2800 DIRECT CPZ NDB AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2800.	

- PT L SIDE OF COURSE 334.45 OUTBOUND 2800 FT WITHIN 10 MILES OF CPZ NDB (IAF)
-
- FAC: 154.45 FAF: CPZ NDB DIST FAF TO MAP: 1.55 THLD: _____
- MIN. ALT: CPZ NDB 1900
- DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____
- MIN GS INCPT: _____ GS ALT AT: _____ OM: _____ MM: _____ IM: _____
- GS ANGLE: _____ TCH: _____
- MSA FROM: CPZ NDB 2900

ADDITIONAL FLIGHT DATA:
HOLD NW, RT, 154.45 INBOUND.
CHART FAS OBST: 759 TREE 285336N/0995905W
CPZ NDB TO RW15: 7.14/40.

MAG VAR: 5E EPOCH YEAR: 2015

MINIMUMS															
TAKEOFF:	SEE FORM 8260-15A FOR THIS AIRPORT										ALTERNATE: N A X				
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
CIRCLING	1280	1	598	1280	1	598	1280	1 1/2	598	1340	2	658			

NOTES:
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART NOTE: PROCEDURE NA AT NIGHT.
CHART NOTE: USE UVALDE ALTIMETER SETTING; WHEN NOT RECEIVED USE COTULLA ALTIMETER SETTING.
CHART NOTE: USE OF CHAPARROSA RANCH REQUIRES PERMISSION OF THE OWNER; USE OF THIS PROCEDURE REQUIRES SPECIFIC AUTHORIZATION BY FAA FLIGHT STANDARDS.

CITY AND STATE LA PRYOR, TX	ELEVATION: 682 TDZE:	FACILITY IDENTIFIER: CPZ	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: NDB-A, ORIG	SUP:
	AIRPORT NAME: CHAPARROSA RANCH			AMDT: NONE
				DATED:



NOTES CONTINUED:

(SEE FORM 8260-10)

AIR CARRIER NOTES:

The procedure on the other side and the foregoing data are hereby:

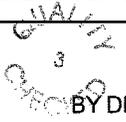
FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	FIFO	DATE:
JILL OLSON (AISHAT NAUZO)	AJV-353	08/21/2012
RECOMMENDED BY		
NAME:	FIFO	DATE:
LARRY H STROUT	AJV-353	
MANAGER		
APPROVED BY		
NAME:	REGION, FLT STANDARDS	DATE:

OPERATIONS SPECIFICATIONS -- AIRPORT

_____ holding Air Carrier Operating Certificate No. _____ hereby acknowledges receipt of Operations Specifications to operate into and out of the airport named on the other side as a Regular, Refueling, Alternate, Provisional for _____ airport with the following type aircraft:

Unless otherwise authorized in the Operations Specifications - Airport, an instrument approach of this type shall be conducted in accordance with the procedure specified on the other side and the air carrier minimums specified above with the following exceptions:

DATE: _____ RECEIVED FOR THE AIR CARRIER BY: _____ TITLE: _____
 AMENDMENT NO. _____ SIGNATURE



BY DIRECTION OF THE ADMINISTRATOR _____ SIGNATURE _____ TITLE

EFFECTIVE DATE: _____

**NDB SPECIAL INSTRUMENT APPROACH PROCEDURE --
FLIGHT STANDARDS SERVICE**

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.

NOTES, (CONT.):

CHANGES:

- 1 K72TE APT AND CPZ (CHAPAROSSA) NDB MAGVAR UPDATED FROM 10E TO 5E.
- 2 REMOVED SAT VORTAC FEEDER.
- 3 ADDED CAT D CIRCLING MINIMUM.
- 4 SI MINIMUMS REMOVED, PROCEDURE IS CIRCLING ONLY.
- 5 RAISED CIRCLING MDA FROM 1180-1-500 CATS A/B, 1180-1 1/2-500 CAT C TO 1280-1-598 CATS A/B AND 1280-1 1/2-598 CAT C.
- 6 FAF ALTITUDE RAISED FROM 1400 TO 1900.
- 7 MA CHANGED FROM CLIMB RIGHT TURN TO 2500 DIRECT TO CPZ NDB AND HOLD TO CLIMB TO 1400 THEN CLIMBING LEFT TURN TO 2800 DIRECT CPZ NDB AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2800.
- 8 UPDATED ALTIMETER NOTE TO NOT INCLUDE MDA ADJUSTMENTS.
- 9 FAF TO MAP CHANGED FROM 1.9NM TO 1.55NM.
- 10 CIRCLING MDA CHANGED FROM 1180-1-500 CATS A/B/C TO 1280-1-598 CATS A/B, 1280-1 1/2 598 CAT C, AND 1340-2-658 CAT D.
- 11 COT VORTAC TO CPZ NDB TERMINAL CHANGED FROM 292/55.0 AND 4000 TO 291.01/53.94 AND 2800.
- 12 CHANGED FAC AND MA HOLDING INBOUND COURSE FROM 140 TO 154.45.
- 13 CHANGED PT COMPLETION ALTITUDE FROM 2500 TO 2800.
- 14 LOWERED MSA FROM 3000 TO 2900.
- 15 ADDED PROCEDURE NA AT NIGHT AND VISIBILITY REDUCTION BY HELICOPTER NA NOTES.
- 16 ADDED OWNER/ FLIGHT STANDARDS AUTHORIZATION NOTE.
- 17 ADDED VDA INFORMATION TO ADDITIONAL FLIGHT DATA.

REASONS:

- 1-3 FPT REQUEST
- 4 FINAL DESCENT ANGLE EXCEEDS 3.77
- 5, 6 OBSTACLE EVALUATION AND TO MEET DESCENT GRADIENT.
- 7 AIRSPACE EVALUATION FOR INTERMEDIATE.
- 8 TO MATCH PT ALTITUDE AND PER FPT REQUEST.
- 9 ALTIMETER NOTE MDA ADJUSTMENT NOT NECESSARY.
- 10 TO CORRECT FINAL SEGMENT LENGTH.
- 11-14 UPDATED EVALUATION.
- 12 DID NOT MEET SI ALIGNMENT CRITERIA.
- 15 VISUAL SURFACE PENETRATIONS.
- 16 REQUIRED NOTE.
- 17 VDA NOTE APPLICABLE, PROCEDURE MEETS STRAIGHT-IN ALIGNMENT CRITERIA.

EFFECTIVE CONCURRENT WITH AIRSPACE DOCKET 12-ASW-9.

PDF EDITS:

- 1 8260-7, CHANGED MAGVAR FROM 10E-1965 TO 5E-2015.
- 2 8260-7, ADDED 2800 PT ALTITUDE.
- 3 MOVED CHANGES AND REASONS TO 8260-10 FORM TO FIT ALL CONTENT ON THE SAME PAGE.
- 4 8260-9, BACK, ALTIMETER SETTING KCOT, ADDED 140 ADJUSTMENT. CHANGED KCOT DISTANCE FROM 48.05 TO 48.13.



CITY AND STATE LA PRYOR, TX	ELEVATION: 682	TDZE:	FACILITY IDENTIFIER: CPZ	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: NDB-A, ORIG	SUP:
	AIRPORT NAME: CHAPARROSA RANCH				AMDT: NONE
					DATED:

ALL AFFECTED PROCEDURES REVIEWED? <input type="checkbox"/> YES <input type="checkbox"/> NO	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
COORDINATED WITH: <input type="checkbox"/> ATA <input type="checkbox"/> AAT <input type="checkbox"/> ALPA <input type="checkbox"/> APA <input type="checkbox"/> AOPA <input type="checkbox"/> NBAA <input type="checkbox"/> 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	COT VORTAC	CPZ NDB	1. TOWER (48-023932)	284726.97N/0995129.74W	1028 (1B)	1000	AT772	2800			
			2. TERRAIN	285606.33N/0995506.31W	789 (800)	AS1500	2300				
INTERMEDIATE: PT	10 NM	CPZ NDB	3. TOWER (48-008904)	290338.00N/1000423.00W	1183 (5D)	500		1700			
			4. TERRAIN	290500.00N/1000106.00W	883 (900)	AS1000	1900				
FINAL	CPZ NDB	1.55 MILES AFTER	5. TREE	285336.25N/0995904.72W	759 (2C)	300	RA140	1200			
		CPZ NDB									
2. PROCEDURE TURN	CPZ NDB	10 NM	6. AAO	291033.00N/1001021.00W	1529 (4E)	1000		2600			
			7. TERRAIN	291033.00N/1001021.00W	1329 (1300)	AS1500	2800				
3. MISSED APPROACH	MAP:	1.55 MILES AFTER	CPZ NDB			ASC		2800			
		CPZ NDB		8. AAO	285501.73N/0995443.07W	979 (2C)	1000	2000			
	ELEV:	840		9. TERRAIN	285501.73N/0995443.07W	779 (800)	AS1500	2300			
4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT.									
CATEGORY A	1.3 NM	REQUIRED	350	ACTUAL	598	5. TREE	285336.25N/0995904.72W	759 (2C)	300	RA92 DG129	1280
CATEGORY B	1.5 NM		450		598	5. TREE	285336.25N/0995904.72W	759 (2C)	300	RA92 DG129	1280
CATEGORY C	1.7 NM		450		598	5. TREE	285336.25N/0995904.72W	759 (2C)	300	RA92 DG129	1280
CATEGORY D	2.3 NM		550		658	10. TREE	285506.15N/0995858.87W	779 (2C)	300	RA92 DG169	1340
CATEGORY E	4.5 NM		550								
5. MINIMUM SAFE ALTITUDES				PRIMARY NAVAID: CPZ NDB							
SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A		
360-360	AAO	005/ 28.8	1890 (4E)	2900							
CITY AND STATE		ELEVATION: 682		FACILITY		PROCEDURE AND AMENDMENT NO:		REGION			
LA PRYOR, TX		AIRPORT NAME: CHAPARROSA RANCH		CPZ		NDB-A, ORIG		ASW			

RADIO FIX AND HOLDING DATA RECORD

NAME: COTULLA VORTAC

STATE: TX

COUNTRY: US

LATITUDE/LONGITUDE: 282743.26N/0990706.76W

TYPE:

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	COTULLA	COT	VORTAC	L							17500

FIX RESTRICTIONS:

SPECIAL RNAV (GPS) RWY 15, K5TE0, EAGLE PASS, TX
 SPECIAL RNAV (GPS) RWY 33, K5TE0, EAGLE PASS, TX
 SPECIAL RNAV (GPS) RWY 15, K0XA4, FREER, TX
 SPECIAL RNAV (GPS) RWY 14, KXA89, CARRIZO SPRINGS, TX
 SPECIAL RNAV (GPS) RWY 32, KXA89, CARRIZO SPRINGS, TX
 SPECIAL NDB-A, K72TE, LA PRYOR, TX

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG TIME	LENGTH DME	HOLDING MIN	ALTITUDES MAX	TEMPLATES MIN	MAX
1	E	COT	VORTAC	077.00	257.00	R	1		2500	6000	4	5
2	E	COT	VORTAC	078.63	258.63	R	1		2100	6000	4	5

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
UPN	200	TOWER (48-025453)	282340.20N/0991523.76W	925	2C
1	200	AAO	283024.00N/0991045.00W	817	4E
2	200	AAO	283024.00N/0991045.00W	817	4E

HOLDING RESTRICTIONS:

UNPLANNED HOLDING AUTHORIZED AT OR ABOVE 2500.

REMARKS:

PRIOR COORDINATION REQUIRED WITH CONTROLLING AGENCY FOR HOLDING OVER R-6312 AND/OR A-640 AND/OR KINGSVILLE 3 MOA AND/OR CRYSTAL MOA AND/OR CRYSTAL NORTH MOA. PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	PALACIOS			KL BX	ANGLETON/LAKE JACKSON	TX (US)
DP	PALACIOS			KGLS	GALVESTON	TX (US)
DP	PALACIOS			KAXH	HOUSTON	TX (US)
DP	PALACIOS			KCXO	HOUSTON	TX (US)
DP	PALACIOS			KDWH	HOUSTON	TX (US)
DP	PALACIOS			KEFD	HOUSTON	TX (US)
DP	PALACIOS			KEYQ	HOUSTON	TX (US)
DP	PALACIOS			KHOU	HOUSTON	TX (US)
DP	PALACIOS			KIAH	HOUSTON	TX (US)
DP	PALACIOS			KIWS	HOUSTON	TX (US)
DP	PALACIOS			KSGR	HOUSTON	TX (US)
DP	PALACIOS			KTME	HOUSTON	TX (US)
DP	PALACIOS			KT41	LA PORTE	TX (US)
DP	BOWIE			KSAT	SAN ANTONIO	TX (US)
DP	MILET (RNAV)			KSAT	SAN ANTONIO	TX (US)
DP	THREE RIVERS (RNAV)			KSAT	SAN ANTONIO	TX (US)
DP	BOWIE			KSSF	SAN ANTONIO	TX (US)
DP	MILET (RNAV)			KSSF	SAN ANTONIO	TX (US)
DP	THREE RIVERS (RNAV)			KSSF	SAN ANTONIO	TX (US)
EN ROUTE	V17					(US)
EN ROUTE	V17-550					(US)
IAP	NDB RWY 31			KCZT	CARRIZO SPRINGS	TX (US)
IAP	RNAV (GPS) RWY 31			KCZT	CARRIZO SPRINGS	TX (US)
IAP	RNAV (GPS) RWY 14			KXA89	CARRIZO SPRINGS	TX (US)
IAP	RNAV (GPS) RWY 32			KXA89	CARRIZO SPRINGS	TX (US)
IAP	RNAV (GPS) RWY 13			KCOT	COTULLA	TX (US)
IAP	RNAV (GPS) RWY 31			KCOT	COTULLA	TX (US)
IAP	VOR-A		2	KCOT	COTULLA	TX (US)
IAP	RNAV (GPS) RWY 13			K5T9	EAGLE PASS	TX (US)
IAP	RNAV (GPS) RWY 31			K5T9	EAGLE PASS	TX (US)
IAP	RNAV (GPS) RWY 15			K5TE0	EAGLE PASS	TX (US)
IAP	RNAV (GPS) RWY 33			K5TE0	EAGLE PASS	TX (US)
IAP	RNAV (GPS) RWY 15			K0XA4	FREER	TX (US)
IAP	NDB RWY 35R			KHDO	HONDO	TX (US)
IAP	NDB-A			K72TE	LA PRYOR	TX (US)
IAP	VOR/DME OR GPS-A		1	KT30	PEARSALL	TX (US)
IAP	NDB RWY 33			KUVA	UVALDE	TX (US)
STAR	STROS			KIAH	HOUSTON	TX (US)



STAR
STAR
STARLEMIG
LEMIG
LEMIGKSAT
KSSF
KRNDSAN ANTONIO
SAN ANTONIO
UNIVERSAL CITYTX (US)
TX (US)
TX (US)**REQUIRED CHARTING:** DP, IAP, CONTROLLER, EN ROUTE LOW**COMPULSORY REPORTING POINT:** NO**RECORD REVISION NUMBER:** 16**DATE OF REVISION:** 01/10/2013**REASON FOR REVISION:**FIX MOVED 2.21 FT NORTHWEST; COORDINATES UPDATED.
ADDED (SPECIAL) K72TE NDB-A TO FIX RESTRICTIONS.
UPDATED UPN CONTROLLING OBSTACLE.
REMOVED 200' FROM PAT 1 AND PAT 2 OBSTRUCTION TYPE.
UPDATED FIX USE.**DEVELOPED BY:** **DATE:** 08/20/2012 **OFFICE:** AJV-353 **NAME:** JILL OLSON (AISHAT NAUZO)**APPROVED BY:** **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT**SIGNATURE:****DISTRIBUTION:** **NFDC**
 FPO: CEN
 ARTCC: ZHU
 ATC FACILITY: DEL RIO APP CON
 OTHER:QUALITY
3
CHECKED

TERMINAL AIRSPACE DATA REQUIREMENTS

CITY: LA PRYOR

STATE: TX

AIRPORT NAME: CHAPARROSA RANCH

ID:K72TE

PROCEDURE: (SPECIAL) NDB-A

AMDT: ORIG

DOCKET # : 12-ASW-9

(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 0.88
(Enter THLD, FAF, ARP, FACILITY, as appropriate)
2. Width of FINAL segment at 1000' point 2.61
(Enter appropriate segment , final, intermediate, etc.)
3. True Course of FINAL segment containing 1000' point 159.45
4. High Terrain in FINAL segment containing 1000' point 712
5. Distance from * to 1500' point
(If 1500' point in PT maneuvering area or holding pattern note in remarks)
6. Width of segment at 1500' point
7. True Course of segment containing 1500' point
8. High Terrain in segment containing 1500' point
9. Threshold Coordinates (if straight-in) ... 285308.77N / 0995943.09W
10. ARP Coordinates 285244.66N / 0995932.91W
11. Runway Approach End and distance furthest from ARP.....RWY R33

Distance .43 NM
12. FAF Coordinates /
(Click to Select)

REMARKS: Approach/Drawing attached. * 1500 FOOT POINT LOCATED IN PT MANUEVERING AREA.



Federal Aviation Administration

Memorandum

Date:

To: Dick Powell Manager, National Flight Data Center, AJV-21

From: Larry H. Strout, Manager, Central Products Team, AJV-353

Subject: **ACTION:** Magnetic Variation Change for Chaparrossa Ranch, La Pryor, TX (K72TE)

The Magnetic Variation (MV) data for the airport(s) and/or facility(s) listed under the 'Airport/Facility' column will be revised effective concurrent with the publication of the procedure(s) listed below.

NDB-A, Orig
Takeoff Minimums and Obstacle DP, Orig

Estimated Chart Date: 01/10/2013

Please publish these changes in the National Flight Data Digest.

TEXAS

<u>Location</u>	<u>Name</u>	<u>Airport /Facility</u>	<u>Identifier</u>	<u>Assigned Magnetic Variation Value</u>	<u>Epoch Year</u>
La Pryor	Chaparrossa Ranch	Airport	K72TE / 72TE	Old 10° East New 5° East	2015
La Pryor	Chaparrossa Ranch	NDB/M	CPZ	Old 10° East New 5° East	2015

If you have any questions please notify Larry H. Strout, larry.h.strout@faa.gov (405-954-5070).

cc: AJV-3rf

sjb:x7537:08/22/2012: (U:\AVN100\PIT\MAGVAR\MAGVAR\MAGVAR Letters 2012\ MV Change Request for Chaparrossa Ranch, La Pryor, TX (K72TE); Requestor: ANauzo, Evaluated By: LFortier

CONCURRENCES
ROUTING SYMBOL AJV-34 SBaker
INITIALS/SIG
DATE
ROUTING SYMBOL AJV-353 JOlson
INITIALS/SIG
DATE
ROUTING SYMBOL AJV-353 LStrout
INITIALS/SIG
DATE
ROUTING SYMBOL AJV-34 JAIfonso
INITIALS/SIG
DATE
ROUTING SYMBOL
INITIALS/SIG
DATE