

# RADIO FIX AND HOLDING DATA RECORD

NAME: FLATT

STATE: TX

COUNTRY: US

ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 333901.95N/1022051.08W

TYPE: WP, 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	FEET	MRA	MAA
1	LUBBOCK	LBB	VORTAC	L	250.58	261.58	21.95	21.95		5100	17500
2	TEXICO	TXO	VORTAC	H	142.99	153.99	56.22	56.22		8000	17500

## EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
TXO	VORTAC	R-143	57	8000	18600

## FIX RESTRICTIONS:

MRA V14 8000

## HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	DME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	E		WP	074.58	254.58	R		5	6000	8000	6	9

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (48-005368)	333529.00N/1021715.00W	3949	3D

## HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

## REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V14	1, 2				(US)
IAP	RNAV (GPS) RWY 01		1	KLIU	LITTLEFIELD	TX (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: LOW

RECORD REVISION NUMBER: 6

DATE OF REVISION: 03/05/2015

## REASON FOR REVISION:

UPDATED FIX USE: DELETED LEVELLAND (KLLN) NDB RWY 17 AND NDB RWY 35 - LLN NDB DECOMMISSIONED

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 09/16/2014

OFFICE: AJV-353

NAME: JOHN ROSARIO

APPROVED BY:

DATE: 03/05/2015

OFFICE: AJV-353

NAME: GEORGE GONZALEZ

SIGNATURE:

DISTRIBUTION:

NFDC  
FPO: CEN  
ARTCC: ZFW  
ATC FACILITY: LBB TOWER  
OTHER:

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** ONSOM **STATE:** NM **COUNTRY:** US **ICAO REGION CODE:** K2

**LATITUDE/LONGITUDE:** 332431.66N/1040747.94W **TYPE:** WP, 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	MRA	MAA
1	CHISUM	CME	VORTAC	H	068.05	080.05	25.05	25.05	7000	17500
2	CARLSBAD	CNM	VORTAC	L	352.00	004.00		69.17	7500	17500

**EXPANDED SERVICE VOLUME (ESV):**

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
CNM	VORTAC	R-352	70	7500	17500

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

**PATTERNS:**

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	HOLDING ALTITUDES MIN DME	MAX	TEMPLATES MIN	MAX
1	E	CME	VORTAC	068.05	248.05	L	1	7500	14000	10	12

**CONTROLLING OBSTRUCTIONS:**

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	TOWER (35-000112)	332231.30N/1034614.30W	6079	4D

**REASON FOR NONSTANDARD HOLDING:**

PAT 1 AVOID V280 AIRSPACE

**HOLDING RESTRICTIONS:**

HOLDING LIMITED TO ESTABLISHED PATTERN.

**REMARKS:**

CHISUM (FAC 1) AND CARLSBAD (FAC 2) USED TO ESTABLISH FIX COORDINATES.  
 PAT 1 ATC USE.  
 PAT 1 OBS LOCATED 5759.91FT INTO SECONDARY.  
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V14	1, 2				NM (US)
IAP	ILS OR LOC RWY 21	1, 2		KROW	ROSWELL	NM (US)
IAP	RNAV (GPS) RWY 21			KROW	ROSWELL	NM (US)

**REQUIRED CHARTING:** IAP, EN ROUTE LOW, CONTROLLER LOW

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 5 **DATE OF REVISION:** 04/25/2019

**REASON FOR REVISION:**

LOWERED MRA FAC 1 FROM 7500 TO 7000 IN FIX MAKE-UP FACILITIES.  
 CHANGED CONTROLLER TO CONTROLLER LOW IN REQUIRED CHARTING.  
 ADDED CHISUM (FAC 1) AND CARLSBAD (FAC 2) USED TO ESTABLISH FIX COORDINATES TO REMARKS.

**INITIATED BY:** **DATE:** **ORGANIZATION:** **NAME:**

**OFFICE OF PRIMARY RESPONSIBILITY:** AJV-5431 **NAME:** WILLIAM BALL

**APPROVED BY:** **DATE:** **OFFICE:** AJV-5420 **NAME:** JULIE MORGAN

**SIGNATURE:**

**DISTRIBUTION:** NFDC  
 FPO: CEN  
 ARTCC: ZAB  
 ATC FACILITY: ROW APP CON  
 OTHER: