

# RADIO FIX AND HOLDING DATA RECORD

NAME: ENZIE

STATE: TX

COUNTRY: US

LATITUDE/LONGITUDE: 333711.16N/1014942.95W

TYPE: RADAR, 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 NM	FAC FEET	MRA	MAA
1	LUBBOCK	I-LBB	LOC/DME		170.67	179.67	1.63	1.63		3720	7700
2	LUBBOCK	LBB	VORTAC	L	129.00	140.00		6.66		3720	7700

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	HI-LOC/DME BC RWY 35L	1, 2		KLBB	LUBBOCK	TX (US)
IAP	LOC BC RWY 35L	1, 2		KLBB	LUBBOCK	TX (US)

REQUIRED CHARTING: MILITARY IAP, IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6

DATE OF REVISION: 12/10/2015

## REASON FOR REVISION:

MOVED LBB VORTAC TO FAC 2 AND ADD DIST FROM FAC, CHANGED MRA/MAA FROM 3700/17500 TO 3720/7700.  
MOVED I-LBB TO FAC 1 AND MAG BRG AND DIST FROM FAC, CHANGED MRA/MAA FROM 3700/7800 TO 3720/7700.  
REMOVED FAC 3.  
ADD MILITARY IAP TO REQUIRED CHARTING.

DEVELOPED BY:

DATE: 07/28/2015

OFFICE: AJV-5423

NAME: THOMAS KIRKPATRICK

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: GEORGE GONZALEZ

SIGNATURE:

DISTRIBUTION:

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

QUALITY  
6  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: FRIER

STATE: TX

COUNTRY: US

LATITUDE/LONGITUDE: 333407.53N/1014941.71W

TYPE: RADAR, DME

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	LUBBOCK	I-LBB	LOC/DME		173.67	179.67	4.68	4.69	28479	4800	7700

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## REMARKS:

COORDINATES REFLECT TANGENT POINT ON CENTERLINE, ACTUAL FIX COORDINATES: 333407.50N/1014948.00W  
ILS DME COORDINATES: 333848.98N/1014940.24W

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	HI-LOC/DME BC RWY 35L	1		KLBB	LUBBOCK	TX (US)
IAP	LOC BC RWY 35L	1		KLBB	LUBBOCK	TX (US)

REQUIRED CHARTING: MILITARY IAP, IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

DATE OF REVISION: 12/10/2015

## REASON FOR REVISION:

UPDATE FIX COORDINATES, MOVED 190 FEET SE.  
FAC 1: ADD MAG BRG, CHANGED DME FROM 4.66 TO 4.68, ADD DIST FROM FAC 4.69/28479.  
FAC 2: REMOVED.  
FIX USE: UPDATED.

DEVELOPED BY:

DATE: 07/17/2015

OFFICE: AJV-5423

NAME: THOMAS KIRKPATRICK

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: GEORGE GONZALEZ

SIGNATURE:

DISTRIBUTION:

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

QUALITY  
6  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: FRITS

STATE: TX

COUNTRY: US

LATITUDE/LONGITUDE: 332655.41N/1014939.02W

TYPE: RADAR, DME

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	LUBBOCK	I-LBB	LOC/DME		173.67	179.67	11.87	11.87		5200	7700

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## REMARKS:

ILS DME COORDINATES: 333848.98N/1014940.24W

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	LOC BC RWY 35L	1		KLBB	LUBBOCK	TX (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5

DATE OF REVISION: 12/10/2015

## REASON FOR REVISION:

FAC 1: ADD MAG BRG, ADD DME AND DIST FROM FAC.

FAC 2: REMOVED.

DEVELOPED BY:

DATE: 07/28/2015

OFFICE: AJV-5423

NAME: THOMAS KIRKPATRICK

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: GEORGE GONZALEZ

SIGNATURE:

DISTRIBUTION:

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

QUALITY  
6  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: HYDRO

STATE: TX

COUNTRY: US

LATITUDE/LONGITUDE: 333410.25N/1014052.84W

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	MRA	MAA
1	LUBBOCK	LBB	VORTAC	L	113.77	124.77	14.20	14.20	5200	17500
2	PLAINVIEW	PVV	VOR/DME	L	159.00	170.00	31.42	31.42	5200	17500

HOLDING:

HOLDING TYPE OF ACTION: MODIFY

## 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	SE	LBB	VORTAC	113.77	293.77	L	1	5200 9000	11 17
2	S	PVV	VOR/DME	159.00	339.00	L	1	5200 9000	11 17

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	265	TOWER (48-000392)	333231.00N/1015017.00W	4015	4D
1	310	TOWER (48-001648)	333007.94N/1015221.37W	4157	5E
2	265	TOWER (48-000392)	333231.00N/1015017.00W	4015	4D
2	310	TOWER (48-001648)	333007.94N/1015221.37W	4157	5E

## REASON FOR NONSTANDARD HOLDING:

PAT 2 ATC REQUEST.

PAT 1 ATC REQUEST.

## HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

## PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	ILS OR LOC RWY 17R	KLBB	LUBBOCK	TX (US)
1	HI-ILS OR LOC RWY 17R	KLBB	LUBBOCK	TX (US)
2	ILS OR LOC RWY 17R	KLBB	LUBBOCK	TX (US)
2	HI-ILS OR LOC RWY 17R	KLBB	LUBBOCK	TX (US)

## REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETE.

PAT 1 AND 2 EVALUATED AT 265K FOR MILITARY CAT E.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V62	1, 2				(US)
IAP	HI-ILS OR LOC RWY 17R	1, 2	1, 2	KLBB	LUBBOCK	TX (US)
IAP	HI-LOC/DME BC RWY 35L	1, 2	1	KLBB	LUBBOCK	TX (US)
IAP	ILS OR LOC RWY 17R	1, 2	1, 2	KLBB	LUBBOCK	TX (US)
IAP	LOC BC RWY 35L	1, 2	1, 2	KLBB	LUBBOCK	TX (US)
IAP	VOR-A	1, 2	1	KLBB	LUBBOCK	TX (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 12/10/2015

## REASON FOR REVISION:

FAC 1: CHANGED MAG/TRUE BRG FROM 113.76/124.76 TO 113.77/124.77.

FAC 3: ADD DME.

HOLDING PAT 1: CHANGED MIN TEMPLATE FROM 15 TO 11, ADDED 265 KT PATTERN.

HOLDING PAT 2: ADDED.

FIX USE: UPDATED.

REQUIRED CHARTING: ADD MILITARY IAP.

DEVELOPED BY:

DATE: 07/23/2015

OFFICE: AJV-5423

NAME: THOMAS KIRKPATRICK

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: GEORGE GONZALEZ

SIGNATURE:

DISTRIBUTION:

NFDC  
FPO: CEN  
ARTCC: ZFW

QUALITY  
6  
CHECKED

ATC FACILITY: LBB  
OTHER:



# RADIO FIX AND HOLDING DATA RECORD

**NAME:** LUBBOCK VORTAC

**STATE:** TX

**COUNTRY:** US

**LATITUDE/LONGITUDE:** 334217.82N/1015450.44W

**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	MRA	MAA
1	LUBBOCK	LBB	VORTAC	L						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 DME	HOLDING ALTITUDES MIN MAX	TEMPLATES MIN MAX
1	NW	LBB	VORTAC	305.00	125.00	L	1-1 1/2	4800 14000	9 13

**CONTROLLING OBSTRUCTIONS:**

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
UPN	265	TOWER (48-001648)	333007.94N/1015221.37W	4157	5D
1	265	TOWER (48-008896)	334527.00N/1020133.00W	3711	5D

**REASON FOR NONSTANDARD HOLDING:**

PAT 1 COINCIDE WITH PROCEDURE TURN

**HOLDING RESTRICTIONS:**

UNPLANNED HOLDING AUTHORIZED AT OR ABOVE 5200.

**REMARKS:**

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	WORTH			KGKY	ARLINGTON	TX (US)
DP	WORTH			KADS	DALLAS	TX (US)
DP	COYOTE			KDAL	DALLAS	TX (US)
DP	LOVE			KDAL	DALLAS	TX (US)
DP	WORTH			KDAL	DALLAS	TX (US)
DP	WORTH			KRBD	DALLAS	TX (US)
DP	WORTH			KTKI	DALLAS	TX (US)
DP	CEOLA (RNAV)			KDFW	DALLAS-FORT WORTH	TX (US)
DP	COYOTE			KDFW	DALLAS-FORT WORTH	TX (US)
DP	WORTH			KDFW	DALLAS-FORT WORTH	TX (US)
DP	WORTH			KDTO	DENTON	TX (US)
DP	WORTH			KAFW	FORT WORTH	TX (US)
DP	WORTH			KFTW	FORT WORTH	TX (US)
DP	WORTH			KFWF	FORT WORTH	TX (US)
DP	WORTH			KNFW	FORT WORTH	TX (US)
DP	WORTH			KGPM	GRAND PRAIRIE	TX (US)
DP	WORTH			KLNC	LANCASTER	TX (US)
DP	WORTH			KHQZ	MESQUITE	TX (US)
EN ROUTE	V102					(US)
EN ROUTE	V14					(US)
EN ROUTE	V385					(US)
EN ROUTE	V563					(US)
EN ROUTE	V62					(US)
EN ROUTE	V76					(US)
EN ROUTE	V81					(US)
IAP	NDB RWY 35			K8F3	CROSBYTON	TX (US)
IAP	RNAV (GPS) RWY 17			K8F3	CROSBYTON	TX (US)
IAP	RNAV (GPS) RWY 17			KLLN	LEVELLAND	TX (US)
IAP	NDB RWY 1			KLIU	LITTLEFIELD	TX (US)
IAP	HI LOC/DME BC RWY 35L			KLBB	LUBBOCK	TX (US)
IAP	HI-ILS OR LOC RWY 17R			KLBB	LUBBOCK	TX (US)
IAP	HI-VOR/DME OR TACAN RWY 26			KLBB	LUBBOCK	TX (US)
IAP	ILS OR LOC RWY 26		1	KLBB	LUBBOCK	TX (US)
IAP	LOC BC RWY 35L			KLBB	LUBBOCK	TX (US)
IAP	VOR-A			KLBB	LUBBOCK	TX (US)
IAP	VOR/DME OR TACAN RWY 26		1	KLBB	LUBBOCK	TX (US)

**REQUIRED CHARTING:** DP, MILITARY IAP, IAP, CONTROLLER, EN ROUTE LOW, EN ROUTE HIGH

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 14

**DATE OF REVISION:** 12/10/2015



**REASON FOR REVISION:**  
UPDATED FIX USE.

**DEVELOPED BY:**      **DATE:** 07/27/2015      **OFFICE:** AJV-5423      **NAME:** THOMAS KIRKPATRICK

**APPROVED BY:**      **DATE:**      **OFFICE:** AJV-5420      **NAME:** GEORGE GONZALEZ

**SIGNATURE:**

**DISTRIBUTION:**    **NFDC**  
                         **FPO:** CEN  
                         **ARTCC:** ZFW  
                         **ATC FACILITY:** LBB ATCT  
                         **OTHER:**

QUALITY  
6  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: NOLOE

STATE: TX

COUNTRY: US

LATITUDE/LONGITUDE: 333819.54N/1014943.45W

TYPE: DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

## FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	LUBBOCK	I-LBB	LOC/DME		173.67	179.67	0.49	0.49		3460	7700

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	HI LOC/DME BC RWY 35L	1		KLBB	LUBBOCK	TX (US)
IAP	LOC BC RWY 35L	1		KLBB	LUBBOCK	TX (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 12/10/2015

DEVELOPED BY: DATE: 09/04/2015

OFFICE: AJV-5423

NAME: THOMAS KIRKPATRICK

APPROVED BY: DATE:

OFFICE: AJV-5420

NAME: GEORGE GONZALEZ

SIGNATURE:

DISTRIBUTION:

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

QUALITY  
6  
CHECKED



# RADIO FIX AND HOLDING DATA RECORD

NAME: POLLO LOM

STATE: TX

COUNTRY: US

LATITUDE/LONGITUDE: 334415.69N/1014945.90W

TYPE: WP, RADAR, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: CANCEL

**FIX MAKE-UP FACILITIES:**

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	POLLO	LB	LOM								17500
2	LUBBOCK	I-LBB	LOC/DME		350.67	359.67	5.44	5.43	33002	4600	7700

HOLDING:

HOLDING TYPE OF ACTION: CANCEL

**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	N	LB	LOM	350.67	170.67	L	1	5000 14000	7 10

**CONTROLLING OBSTRUCTIONS:**

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	TOWER (48-009996)	335545.78N/1015116.26W	3719	2C

**REASON FOR NONSTANDARD HOLDING:**

PAT 1 AIR TRAFFIC REQUEST.

**HOLDING RESTRICTIONS:**

HOLDING LIMITED TO ESTABLISHED PATTERN.

**REMARKS:**

COORDINATES REFLECT LOCATION ON LOC/AZ CENTERLINE ABEAM THE POLLO LOM.  
ACTUAL FACILITY LOCATION IS 334415.69N/1014945.37W.  
PRECIPITOUS TERRAIN EVALUATION COMPLETE.

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	HI-ILS OR LOC RWY 17R	1, 2		KLBB	LUBBOCK	TX (US)
IAP	ILS OR LOC RWY 17R	1, 2		KLBB	LUBBOCK	TX (US)
IAP	LOC BC RWY 35L	1, 2	1	KLBB	LUBBOCK	TX (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6

DATE OF REVISION: 04/08/2010

**REASON FOR REVISION:**

REMOVED KLBB R17R AS FACS 3 AND 4.  
UPDATED HOLDING OBSTRUCTION DATA.  
ADDED DISTANCE TO FAC.  
UPDATED FIX USE.  
DELETED PAT 2.  
I-LBB DME LAT/LONG 333848.98N/1014940.24W.

DEVELOPED BY:

DATE:

OFFICE:

NAME:

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: GEORGE GONZALEZ

SIGNATURE:

DISTRIBUTION:

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

QUALITY  
6  
CHECKED