

# RADIO FIX AND HOLDING DATA RECORD

NAME: BIIRD

STATE: TX

COUNTRY: US

ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 300427.66N/0974032.51W

TYPE: WP, 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	AUSTIN	I-BSM	LOC/DME		174.69	178.69	6.15	8.53		2500	5000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## REMARKS:

I-BSM DME COORDINATES: 301037.74N/0974037.07W.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 36L	1		KAUS	AUSTIN	TX (US)
IAP	RNAV (GPS) Y RWY 36L			KAUS	AUSTIN	TX (US)
IAP	RNAV (RNP) Z RWY 36L			KAUS	AUSTIN	TX (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 04/22/2021

## REASON FOR REVISION:

1. UPDATED IAPS AT KAUS FROM RWY 35 TO RWY 36 IN FIX USE.
2. FIX MOVED 4.39 FEET EAST.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: MICHAEL HARRIS

APPROVED BY:

DATE:

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

DISTRIBUTION:

NFDC  
FPO: FTW  
ARTCC: ZHU  
ATC FACILITY: AUS APP CON, AUS ATCT  
OTHER:

# RADIO FIX AND HOLDING DATA RECORD

NAME: CAMDY

STATE: TX

COUNTRY: US

ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 295807.19N/0974022.53W

TYPE: WP, 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	AUSTIN	I-BSM	LOC/DME		174.69	178.69	12.48	14.86		4000	5000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## REMARKS:

I-BSM DME ANTENNA COORDINATES: 301037.74N-0974037.07W.  
DME SERVES RWY 17R (GFQ) & RWY 35L (BSM).

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 36L	1		KAUS	AUSTIN	TX (US)
IAP	RNAV (GPS) Y RWY 36L			KAUS	AUSTIN	TX (US)
IAP	RNAV (RNP) Z RWY 36L			KAUS	AUSTIN	TX (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7

DATE OF REVISION: 04/22/2021

## REASON FOR REVISION:

1. UPDATED IAPS AT KAUS FROM RWY 35 TO RWY 36 IN FIX USE.
2. CHANGED FAC 1 MRA FROM 4400 TO 4000.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: MICHAEL HARRIS

APPROVED BY:

DATE:

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

DISTRIBUTION:

NFDC  
FPO: FTW  
ARTCC: ZHU  
ATC FACILITY: AUS APP CON, AUS ATCT  
OTHER:

# RADIO FIX AND HOLDING DATA RECORD

NAME: FUNNN

STATE: TX

COUNTRY: US

ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 300727.96N/0974037.23W

TYPE: WP, RADAR, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

## FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	AUSTIN	I-BSM	LOC/DME		174.69	178.69	3.16	5.53	33631	1600	5000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## REMARKS:

I-BSM DME COORDINATES: 301037.74N/0974037.07W.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 36L	1		KAUS	AUSTIN	TX (US)
IAP	RNAV (GPS) Y RWY 36L			KAUS	AUSTIN	TX (US)
IAP	RNAV (RNP) Z RWY 36L			KAUS	AUSTIN	TX (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 04/22/2021

## REASON FOR REVISION:

1. UPDATED IAPS AT KAUS FROM RWY 35 TO RWY 36 IN FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: MICHAEL HARRIS

APPROVED BY:

DATE:

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

DISTRIBUTION:

NFDC  
FPO: FTW  
ARTCC: ZHU  
ATC FACILITY: AUS APP CON, AUS ATCT  
OTHER:

# RADIO FIX AND HOLDING DATA RECORD

NAME: GARDS STATE: TX COUNTRY: US ICAO REGION CODE: K4  
 LATITUDE/LONGITUDE: 300307.52N/0975647.71W 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	CENTEX	CWK	VORTAC	H	222.05	228.05	29.18	29.18	3500	17500
2	STONEWALL	STV	VORTAC	H	095.00	103.00		40.57	3500	17500

## EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
STV	VORTAC	R-095	41	3500	16100

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	SW	CWK	VORTAC	222.05	042.05	R	1		3500	17500	8	18
2	SW		WP	222.05	042.05	R		6	3500	8000	7	9

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	TOWER (48-005076)	300243.00N/0975251.00W	2049	5D
2	230	TOWER (48-005076)	300243.00N/0975251.00W	2049	5D

## HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

## REMARKS:

CENTEX (FAC 1) AND STONEWALL (FAC 2) USED TO ESTABLISH FIX COORDINATES  
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.  
 PAT 1 AND PAT 2 EVALUATED AT 230 KIAS TO ACCOMMODATE MILITARY HOLDING.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	AUSTIN	1, 2		KAUS	AUSTIN	TX (US)
DP	BNDIA (RNAV)			KAUS	AUSTIN	TX (US)
DP	BNDIA (RNAV)			KEDC	AUSTIN	TX (US)
DP	BNDIA (RNAV)			KHYI	AUSTIN	TX (US)
DP	BNDIA (RNAV)			KGTU	GEORGETOWN	TX (US)
DP	BNDIA (RNAV)			KRYW	LAGO VISTA	TX (US)
DP	BNDIA (RNAV)			K3R9	LAKEWAY	TX (US)
DP	BNDIA (RNAV)			KT74	TAYLOR	TX (US)
EN ROUTE	V17	1, 2				(US)
IAP	ILS OR LOC RWY 18R	1, 2	1	KAUS	AUSTIN	TX (US)
IAP	ILS OR LOC RWY 36L	1, 2	1	KAUS	AUSTIN	TX (US)
IAP	RNAV (GPS) Y RWY 18R		2	KAUS	AUSTIN	TX (US)
IAP	RNAV (GPS) Y RWY 36L		2	KAUS	AUSTIN	TX (US)
IAP	RNAV (RNP) Z RWY 18R		2	KAUS	AUSTIN	TX (US)
IAP	RNAV (RNP) Z RWY 36L		2	KAUS	AUSTIN	TX (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 9

DATE OF REVISION: 04/22/2021

## REASON FOR REVISION:

1. UPDATED IAPS AT KAUS FROM RWY 17 TO RWY 18 AND RWY 35 TO RWY 36 IN FIX USE.
2. CHANGED CONTROLLER TO CONTROLLER LOW TO REQUIRED CHARTING.
3. CHANGED ESV MAX ALTITUDE FROM 17500 TO 16100.
4. CHANGED PAT 1 LEG LENGTH FROM 1-1 1/2 TO 1.

INITIATED BY: DATE: ORGANIZATION: NAME:

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A423 NAME: MICHAEL HARRIS

APPROVED BY: DATE: OFFICE: AJV-A420 NAME: MARLON ROBINSON

SIGNATURE:

**DISTRIBUTION:**    **NFDC**  
                         **FPO:** FTW  
                         **ARTCC:** ZHU  
                         **ATC FACILITY:** AUS APP CON  
                         **OTHER:**