

RADIO FIX AND HOLDING DATA RECORD

NAME: AMMMO **STATE:** TX **COUNTRY:** US **ICAO REGION CODE:** K4

LATITUDE/LONGITUDE: 283520.02N/0963312.36W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** NO CHANGE

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

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME DME	HOLDING MIN	ALTITUDES MAX	TEMPLATES MIN	MAX
1	SW		WP	203.11	023.11	R	10	18000	28000	17	22

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	BELLR (RNAV)		1	KHOU	HOUSTON	TX (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 11/10/2016

REASON FOR REVISION:

HOLDING: ADDED PAT 1.
FIX USE: ADDED PAT 1 TO BELLR (RNAV) STAR.

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
DEVELOPED BY:	DATE: 06/29/2016	OFFICE: AJV-5442	NAME: PATRICK MULQUEEN (JACOB MAXFIELD)
APPROVED BY:	DATE: 09/20/2016	OFFICE: AJV-5420	NAME: TONY LAWSON

SIGNATURE:

DISTRIBUTION: NFDC
FPO: CEN
ARTCC: ZHU
ATC FACILITY: HOUSTON APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: AWSTN **STATE:** TX **COUNTRY:** US **ICAO REGION CODE:** K4

LATITUDE/LONGITUDE: 293454.81N/0953149.24W **TYPE:** WP

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

HOLDING: **HOLDING TYPE OF ACTION:**

FIX USE:	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
USE TYPE STAR	BELLR (RNAV)			KHOU	HOUSTON	TX (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 05/29/2014

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

DEVELOPED BY: **DATE:** 08/01/2013 **OFFICE:** AJV-353 **NAME:** JILL OLSON (AISHAT NAUZO)

APPROVED BY: **DATE:** 05/29/2014 **OFFICE:** AJV-353 **NAME:** DEBORAH COPELAND

SIGNATURE:

DISTRIBUTION: NFDC
FPO: CEN
ARTCC: ZHU
ATC FACILITY: HOUSTON APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: BALKK

STATE: TX

COUNTRY: US

ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 292511.78N/0970136.90W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE
STAR

USE TITLE
BELLR (RNAV)

FAC

PAT

AIRPORT IDENT
KHOU

CITY
HOUSTON

STATE
TX (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 01/08/2015

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 07/30/2014

OFFICE: AJV-353

NAME: THOMAS KIRKPATRICK

APPROVED BY:

DATE: 01/08/2015

OFFICE: AJV-353

NAME: GEORGE GONZALEZ

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZHU
ATC FACILITY: IAH APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: GEEEO

STATE: TX

COUNTRY: US

ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 292849.23N/0953856.30W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 4			KHOU	HOUSTON	TX (US)
IAP	ILS RWY 4 (CAT II - III)			KHOU	HOUSTON	TX (US)
IAP	ILS RWY 4 (SA CAT I)			KHOU	HOUSTON	TX (US)
IAP	RNAV (GPS) RWY 4			KHOU	HOUSTON	TX (US)
STAR	BELLR (RNAV)			KHOU	HOUSTON	TX (US)
STAR	KIDDZ (RNAV)			KHOU	HOUSTON	TX (US)

REQUIRED CHARTING: STAR, IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 06/25/2015

REASON FOR REVISION:

UPDATED FIX USE: ADDED ILS RWY 4 (SA CAT I) AND ILS RWY 4 (CAT II - III) AT KHOU.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 01/12/2015

OFFICE: AJV-353

NAME: BRIAN BICKETT

APPROVED BY:

DATE: 04/06/2015

OFFICE: AJV-353

NAME: GEORGE GONZALEZ

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZHU
ATC FACILITY: HOU APP CON, HOU TOWER
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: GLOCK **STATE:** TX **COUNTRY:** US **ICAO REGION CODE:** K4

LATITUDE/LONGITUDE: 292248.61N/0963852.68W **TYPE:** WP

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

HOLDING: **HOLDING TYPE OF ACTION:**

FIX USE:	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
USE TYPE STAR	BELLR (RNAV)			KHOU	HOUSTON	TX (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 05/29/2014

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
DEVELOPED BY:	DATE: 08/01/2013	OFFICE: AJV-353	NAME: JILL OLSON (AISHAT NAUZO)
APPROVED BY:	DATE: 05/29/2014	OFFICE: AJV-353	NAME: DEBORAH COPELAND

SIGNATURE:

DISTRIBUTION: NFDC
FPO: CEN
ARTCC: ZHU
ATC FACILITY: HOUSTON APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: HNTRR **STATE:** TX **COUNTRY:** US **ICAO REGION CODE:** K4

LATITUDE/LONGITUDE: 292810.22N/0955242.41W **TYPE:** WP

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

HOLDING: **HOLDING TYPE OF ACTION:**

FIX USE:	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
USE TYPE STAR	BELLR (RNAV)			KHOU	HOUSTON	TX (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 05/29/2014

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

DEVELOPED BY: **DATE:** 08/01/2013 **OFFICE:** AJV-353 **NAME:** JILL OLSON (AISHAT NAUZO)

APPROVED BY: **DATE:** 05/29/2014 **OFFICE:** AJV-353 **NAME:** DEBORAH COPELAND

SIGNATURE:

DISTRIBUTION: NFDC
FPO: CEN
ARTCC: ZHU
ATC FACILITY: HOUSTON APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: KMMBR

STATE: TX

COUNTRY: US

ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 292158.62N/0963022.19W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE
STAR

USE TITLE
BELLR (RNAV)

FAC

PAT

AIRPORT IDENT
KHOU

CITY
HOUSTON

STATE
TX (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 05/29/2014

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 08/01/2013

OFFICE: AJV-353

NAME: JILL OLSON (AISHAT NAUZO)

APPROVED BY:

DATE: 05/29/2014

OFFICE: AJV-353

NAME: DEBORAH COPELAND

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZHU
ATC FACILITY: HOUSTON APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: MAAHH

STATE: TX

COUNTRY: US

ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 293617.42N/0950856.16W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	WAPPL (RNAV)			T00	ANAHUAC	TX (US)
STAR	WAPPL (RNAV)			KLBX	ANGLETON/LAKE JACKSON	TX (US)
STAR	WAPPL (RNAV)			KBYY	BAY CITY	TX (US)
STAR	WAPPL (RNAV)			54T	BAYTOWN	TX (US)
STAR	WAPPL (RNAV)			KHPY	BAYTOWN	TX (US)
STAR	WAPPL (RNAV)			KGLS	GALVESTON	TX (US)
STAR	WAPPL (RNAV)			KAXH	HOUSTON	TX (US)
STAR	WAPPL (RNAV)			KEFD	HOUSTON	TX (US)
STAR	BELLR (RNAV)			KHOU	HOUSTON	TX (US)
STAR	KIDDZ (RNAV)			KHOU	HOUSTON	TX (US)
STAR	WAPPL (RNAV)			KHOU	HOUSTON	TX (US)
STAR	WAPPL (RNAV)			KIWS	HOUSTON	TX (US)
STAR	WAPPL (RNAV)			KLVJ	HOUSTON	TX (US)
STAR	WAPPL (RNAV)			KSGR	HOUSTON	TX (US)
STAR	WAPPL (RNAV)			KTME	HOUSTON	TX (US)
STAR	WAPPL (RNAV)			T41	LA PORTE	TX (US)
STAR	WAPPL (RNAV)			KARM	WHARTON	TX (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 04/30/2015

REASON FOR REVISION:

UPDATE FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 10/28/2014

OFFICE: AJV-353

NAME: THOMAS KIRKPATRICK

APPROVED BY:

DATE: 04/30/2015

OFFICE: AJV-353

NAME: GEORGE GONZALEZ

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZHU
ATC FACILITY: HOUSTON APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: PARAA **STATE:** TX **COUNTRY:** US **ICAO REGION CODE:** K4

LATITUDE/LONGITUDE: 292438.91N/0965814.25W **TYPE:** WP

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

HOLDING: **HOLDING TYPE OF ACTION:**

FIX USE:	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
USE TYPE STAR	BELLR (RNAV)			KHOU	HOUSTON	TX (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 05/29/2014

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

DEVELOPED BY: **DATE:** 08/01/2013 **OFFICE:** AJV-353 **NAME:** JILL OLSON (AISHAT NAUZO)

APPROVED BY: **DATE:** 05/29/2014 **OFFICE:** AJV-353 **NAME:** DEBORAH COPELAND

SIGNATURE:

DISTRIBUTION: NFDC
FPO: CEN
ARTCC: ZHU
ATC FACILITY: HOUSTON APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: RJAAY

STATE: TX

COUNTRY: US

ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 293349.45N/0951825.27W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE
STAR
STAR

USE TITLE
BELLR (RNAV)
KIDDZ (RNAV)

FAC

PAT

AIRPORT IDENT
KHOU
KHOU

CITY
HOUSTON
HOUSTON

STATE
TX (US)
TX (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 05/29/2014

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 08/01/2013

OFFICE: AJV-353

NAME: JILL OLSON (AISHAT NAUZO)

APPROVED BY:

DATE: 05/29/2014

OFFICE: AJV-353

NAME: DEBORAH COPELAND

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZHU
ATC FACILITY: HOUSTON APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: SEUSS

STATE: TX

COUNTRY: US

ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 293944.20N/0953423.61W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE
STAR
STAR

USE TITLE
BELLR (RNAV)
KIDDZ (RNAV)

FAC

PAT

AIRPORT IDENT
KHOU
KHOU

CITY
HOUSTON
HOUSTON

STATE
TX (US)
TX (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 05/29/2014

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 08/01/2013

OFFICE: AJV-353

NAME: JILL OLSON (AISHAT NAUZO)

APPROVED BY:

DATE: 05/29/2014

OFFICE: AJV-353

NAME: DEBORAH COPELAND

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZHU
ATC FACILITY: HOUSTON APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: SMAKR **STATE:** TX **COUNTRY:** US **ICAO REGION CODE:** K4

LATITUDE/LONGITUDE: 294137.12N/0972351.83W **TYPE:** WP

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

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

FIX USE:	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
USE TYPE						
STAR	BELLR (RNAV)			KHOU	HOUSTON	TX (US)

REQUIRED CHARTING: STAR, EN ROUTE LOW, EN ROUTE HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3 **DATE OF REVISION:** 08/10/2023

REASON FOR REVISION:
REMOVED FIX USE FOR HTOWN AND TEJAS STARS

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

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A423 **NAME:** RICHARD CAMPBELL

APPROVED BY: **DATE:** 08/10/2023 **OFFICE:** AJV-A420 **NAME:** MARLON ROBINSON

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: WEMAR

STATE: TX

COUNTRY: US

ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 293937.15N/0970037.45W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	SNIDR (RNAV)			KCVB	CASTROVILLE	TX (US)
DP	SNIDR (RNAV)			KBAZ	NEW BRAUNFELS	TX (US)
DP	SNIDR (RNAV)			KPEZ	PLEASANTON	TX (US)
DP	SNIDR (RNAV)			5C1	SAN ANTONIO	TX (US)
DP	SNIDR (RNAV)			KSAT	SAN ANTONIO	TX (US)
DP	SNIDR (RNAV)			KSKF	SAN ANTONIO	TX (US)
DP	SNIDR (RNAV)			KSSF	SAN ANTONIO	TX (US)
DP	SNIDR (RNAV)			KRND	UNIVERSAL CITY	TX (US)
EN ROUTE	Q24					(US)
EN ROUTE	Q56					(US)
EN ROUTE	T256					(US)
EN ROUTE	T466					(US)
STAR	HTOWN (RNAV)			KIAH	HOUSTON	TX (US)
STAR	TEJAS (RNAV)			KIAH	HOUSTON	TX (US)

REQUIRED CHARTING: DP, STAR, EN ROUTE LOW, EN ROUTE HIGH, CONTROLLER LOW, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 11

DATE OF REVISION: 08/10/2023

REASON FOR REVISION:

ADDED DP AND STAR TO REQUIRED CHARTING.

UPDATED FIX USE, ADDED SNIDR (RNAV) FOR KSAT, 5C1, KCVB, KSKF, KBAZ, KPEZ, KRND, KSSF.

UPDATED FIX USE, ADDED HTOWN (RNAV) AND TEJAS (RNAV) STARS FOR KIAH.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: PHILLIP BRANDENBURG

APPROVED BY:

DATE: 08/10/2023

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE: