

RADIO FIX AND HOLDING DATA RECORD

NAME: BOTVE

STATE: TX

COUNTRY: US

ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 260311.49N/0973939.08W

TYPE: WP, 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	HARLINGEN	I-RVZ	LOC/DME		177.64	180.64	9.48	11.36		2900	4500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 36L SA CAT I/SA CAT II	1		KHRL	HARLINGEN	TX (US)
IAP	RNAV (GPS) Y RWY 36L			KHRL	HARLINGEN	TX (US)
IAP	RNAV (RNP) Z RWY 36L			KHRL	HARLINGEN	TX (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 07/11/2024

REASON FOR REVISION:

FIX MOVED .52NM NORTH
CHANGED FAC 1 FROM HARLINGEN (I-HRL) TO HARLINGEN (I-RVZ) AND UPDATED DISTANCES/BRG
REMOVED FAC 2, BROWNSVILLE, BRO VORTAC
REMOVED INT FROM FIX TYPE
REMOVED KHRL LOC/DME BC RWY 35L FROM FIX USE
ADDED KHRL ILS OR LOC RWY 36L SA CAT I/CAT II
FIX USE: CHANGED USE TITLE FROM "RNAV (GPS) Y RWY 35L" TO "RNAV (GPS) Y RWY 36L" AT KHRL
FIX USE: CHANGED USE TITLE FROM "RNAV (RNP) Z RWY 35L" TO "RNAV (RNP) Z RWY 36L" AT KHRL
FIX USE: ADDED ILS OR LOC RWY 36L SA CAT I/CAT II
REMOVED I-HRL COORDS FROM REMARKS

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: JOSEPH BLANCO

APPROVED BY:

DATE: 07/11/2024

OFFICE: AJV-A430

NAME: BEV L BORDY

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: BROWNSVILLE VORTAC

STATE: TX

COUNTRY: US

ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 255526.66N/0972230.97W

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	FEET	MRA	MAA
1	BROWNSVILLE	BRO	VORTAC	H							45000

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 ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	NE	BRO	VORTAC	062.00	242.00	R	1		1900	6000	4	5

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (48-008391)	255749.00N/0971432.00W	400	5D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED
MAGVAR: 1965/E09

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	J25					(US)
EN ROUTE	V163					(US)
EN ROUTE	V17					(US)
EN ROUTE	V407					(US)
EN ROUTE	V70					(US)
IAP	ILS OR LOC RWY 13			KBRO	BROWNSVILLE	TX (US)
IAP	RNAV (GPS) RWY 13			KBRO	BROWNSVILLE	TX (US)
IAP	VOR OR TACAN -A		1	KBRO	BROWNSVILLE	TX (US)
IAP	RNAV (GPS) RWY 36R			KHRL	HARLINGEN	TX (US)
IAP	VOR RWY 36L			KHRL	HARLINGEN	TX (US)
IAP	VOR Y OR TACAN RWY 31			KHRL	HARLINGEN	TX (US)
IAP	VOR Z RWY 31			KHRL	HARLINGEN	TX (US)
IAP	VOR-A			KPIL	PORT ISABEL	TX (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 11

DATE OF REVISION: 07/11/2024

REASON FOR REVISION:

1. FIX USE: REMOVED IAP LOC/DME BC RWY 35L AT KHRL
2. FIX USE: CHANGED USE TITLE FROM "RNAV (GPS) RWY 35R" TO "RNAV (GPS) RWY 36R" AT KHRL
3. FIX USE: REMOVED "RNAV (GPS) Y RWY 35L" AT KHRL
4. FIX USE: CHANGED USE TITLE FROM "VOR/DME RWY 35L" TO "VOR RWY 36L" AT KHRL
5. FIX USE: CHANGED USE TITLE FROM "VOR/DME Y OR TACAN RWY 31" TO "VOR Y OR TACAN RWY 31" AT KHRL
6. FIX USE: ADDED PAT 1 TO IAP VOR OR TACAN-A AT KBRO
7. REMARKS: REMOVED "PAT 1 PER ATC REQUEST"

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: APRIL SARMENTO

APPROVED BY:

DATE: 01/11/2024

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: FENKU

STATE: TX

COUNTRY: US

ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 260729.64N/0973935.96W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE

IAP
IAP

USE TITLE

RNAV (GPS) Y RWY 36L
RNAV (RNP) Z RWY 36L

FAC

PAT

AIRPORT IDENT

KHRL
KHRL

CITY

HARLINGEN
HARLINGEN

STATE

TX (US)
TX (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 07/11/2024

REASON FOR REVISION:

FIX MOVED .61NM NORTH
ADDED DME TO FIX TYPE
ADDED I-RVZ TO FIX MAKEUP
ADDED ILS OR LOC RWY 36L SA CAT I/CAT II TO FIX USE
ADDED RNAV (GPS) Y RWY 36L TO FIX USE
CHANGED RNAV (RNP) Z RWY 35L TO RNAV (RNP) Z RWY 36L

04/15/24: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 04/05/2024.

1. REMOVED ILS OR LOC RWY 36L SA CAT I/CAT II FROM FIX USE
2. REMOVED DME FROM FIX TYPE
3. REMOVED FAC 1 (HARLINGEN) FROM FIX MAKE-UP

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: JOSEPH BLANCO

APPROVED BY:

DATE: 07/11/2024

OFFICE: AJV-A430

NAME: BEV L BORDY

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: FOODS

STATE: TX

COUNTRY: US

ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 260658.47N/0975029.70W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: CANCEL

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 36L SA CAT I/SA CAT II			KHRL	HARLINGEN	TX (US)
IAP	RNAV (GPS) Y RWY 36L			KHRL	HARLINGEN	TX (US)
IAP	RNAV (RNP) Z RWY 36L			KHRL	HARLINGEN	TX (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 07/11/2024

REASON FOR REVISION:

ADDED WP TO FIX TYPE
REMOVED INT, DME FIX TYPES
ADDED RNAV (GPS) Y RWY 36L TO FIX USE
ADDED RNAV (RNP) Z RWY 36L TO FIX USE
ADDED ILS OR LOC RWY 36L SA CAT I/CAT II TO FIX USE
CHANGED CONTROLLER TO CONTROLLER LOW
REMOVED HOLDING PATTERNS 1 AND 2 ALONG WITH REMARKS/OBSTACLES ASSOCIATED WITH HOLDING
REMOVED ALL FIX USE FACILITIES (MFE, BRO, HRL)
ADDED IAP TO REQUIRED CHARTING

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: JOSEPH BLANCO

APPROVED BY:

DATE: 07/11/2024

OFFICE: AJV-A430

NAME: BEV L BORDY

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: GOROO

STATE: TX

COUNTRY: US

ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 260452.23N/0975037.90W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE

IAP

USE TITLE

ILS OR LOC RWY 36L SA CAT I/SA
CAT II

FAC

PAT

AIRPORT IDENT

KHRL

CITY

HARLINGEN

STATE

TX (US)

IAP

RNAV (GPS) Y RWY 36L

KHRL

HARLINGEN

TX (US)

IAP

RNAV (RNP) Z RWY 36L

KHRL

HARLINGEN

TX (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 07/11/2024

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: JOSEPH BLANCO

APPROVED BY:

DATE: 07/11/2024

OFFICE: AJV-A430

NAME: BEV L BORDY

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: HHALY

STATE: TX

COUNTRY: US

ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 260307.70N/0973341.14W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE

IAP

USE TITLE

ILS OR LOC RWY 36L SA CAT I/SA
CAT II

FAC

PAT

AIRPORT IDENT

KHRL

CITY

HARLINGEN

STATE

TX (US)

IAP

RNAV (GPS) Y RWY 36L

KHRL

HARLINGEN

TX (US)

IAP

RNAV (RNP) Z RWY 36L

KHRL

HARLINGEN

TX (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 07/11/2024

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: JOSEPH BLANCO

APPROVED BY:

DATE: 07/11/2024

OFFICE: AJV-A430

NAME: BEV L BORDY

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: QUTIE

STATE: TX

COUNTRY: US

ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 260844.86N/0973935.04W

TYPE: WP, 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	FAC FEET	MRA	MAA
1	HARLINGEN	I-RVZ	LOC/DME		177.64	180.64	3.94	5.82	35389	1400	2000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 36L SA CAT I/SA CAT II	1		KHRL	HARLINGEN	TX (US)
IAP	RNAV (GPS) Y RWY 36L			KHRL	HARLINGEN	TX (US)
IAP	RNAV (RNP) Z RWY 36L			KHRL	HARLINGEN	TX (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 07/11/2024

REASON FOR REVISION:

FIX MOVED 1.36 NM SOUTH, FIX NAME RETAINED PER ATC REQUEST
ADDED DME TO FIX TYPE
ADDED I-RVZ TO FIX MAKEUP
ADDED ILS OR LOC RWY 36L SA CAT I/CAT II TO FIX USE
ADDED RNAV (GPS) Y RWY 36L TO FIX USE
CHANGED RNAV (RNP) Z RWY 35L TO RNAV (RNP) Z RWY 36L

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: JOSEPH BLANCO

APPROVED BY:

DATE: 07/11/2024

OFFICE: AJV-A430

NAME: BEV L BORDY

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: RELAX

STATE: TX

COUNTRY: US

ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 261529.69N/0972312.66W

TYPE: WP, INT, 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 FAC NM	FEET	MRA	MAA
1	BROWNSVILLE	BRO	VORTAC	H	349.21	358.21	20.00	20.00		1800	17500
2	HARLINGEN	HRL	VOR/DME	L	078.03	083.03		14.42		1800	17500

HOLDING:

HOLDING TYPE OF ACTION: MODIFY

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	N	BRO	VORTAC	349.21	169.21	L	1		2000	14000	4	11
2	N		WP	355.21	175.21	L		4	1900	14000	4	11
3	N		WP	353.21	173.21	L		4	2000	14000	4	11

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	WINDMILL (48-034748)	261509.39N/0972658.15W	511	5D
2	200	WINDMILL (48-034748)	261509.39N/0972658.15W	511	5D
3	200	WINDMILL (48-034748)	261509.39N/0972658.15W	511	5D

REASON FOR NONSTANDARD HOLDING:

PAT 1 PROVIDE PROTECTION FROM V70
PAT 2 PAT 3 PROVIDE PROTECTION FROM V70
PAT 3 PROVIDE PROTECTION FROM V70.

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

BROWNSVILLE (FAC 1) AND HARLINGEN (FAC 2) USED TO ESTABLISH FIX COORDINATES.
PRECIPITOUS TERRAIN EVALUATION COMPLETED

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V163	1, 2				(US)
IAP	ILS OR LOC RWY 13	1, 2		KBRO	BROWNSVILLE	TX (US)
IAP	RNAV (GPS) RWY 13			KBRO	BROWNSVILLE	TX (US)
IAP	RNAV (GPS) RWY 18		2	KBRO	BROWNSVILLE	TX (US)
IAP	RNAV (GPS) RWY 31			KBRO	BROWNSVILLE	TX (US)
IAP	ILS OR LOC RWY 18R	1, 2	1	KHRL	HARLINGEN	TX (US)
IAP	ILS RWY 18R (SA CAT I & CAT II)		1	KHRL	HARLINGEN	TX (US)
IAP	RNAV (GPS) RWY 18L		3	KHRL	HARLINGEN	TX (US)
IAP	RNAV (GPS) Y RWY 18R		3	KHRL	HARLINGEN	TX (US)
IAP	RNAV (GPS) Y RWY 31			KHRL	HARLINGEN	TX (US)
IAP	RNAV (RNP) Z RWY 18R		3	KHRL	HARLINGEN	TX (US)
IAP	VOR-A	1, 2	1	KPIL	PORT ISABEL	TX (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 18

DATE OF REVISION: 07/11/2024

REASON FOR REVISION:

- HOLDING PATTERNS: DELETED PATTERN 2 AND ALL ASSOCIATIONS - STANDARDIZATION AND CONSOLIDATION.
- FIX USE: RNAV (GPS) RWY 18 PAT NUMBER CHANGED FROM "PAT 3" TO "PAT 2" - NUMBER CHANGED DUE TO CONSOLIDATING OLD PATTERNS USED AT KHRL.
- FIX USE: USE TITLE: CHANGED FROM "RNAV (GPS) Y RWY 17L" TO "RNAV (GPS) Y RWY 18L" - DUE TO MAGVAR CHANGE/RWY NUMBERING.
- FIX USE: RNAV (GPS) RWY 18L: PAT CHANGED FROM "2" TO "3" - STANDARDIZATION AND CONSOLIDATION.
- FIX USE: USE TITLE: DELETED RNAV (GPS) RWY 36R.
- FIX USE: USE TITLE: CHANGED FROM "RNAV (GPS) Y RWY 17R" TO "RNAV (GPS) Y RWY 18R" - DUE TO MAGVAR CHANGE/RWY NUMBERING.
- FIX USE: USE TITLE: CHANGED FROM "RNAV (GPS) Y RWY 35L" TO "RNAV (GPS) Y RWY 36L" - DUE TO MAGVAR CHANGE/RWY NUMBERING.
- FIX USE: USE TITLE: CHANGED FROM "RNAV (RNP) Z RWY 17R" TO "RNAV (RNP) Z RWY 18R" - DUE TO MAGVAR CHANGE/RWY NUMBERING.
- FIX USE: ADDED "ILS OR LOC RWY 18R" AND ALL ASSOCIATIONS - PER ATC REQUEST.
- FIX USE: ADDED "ILS RWY 18R (SA CAT I & CAT II)" AND ALL ASSOCIATIONS - PER ATC REQUEST.
- FIX USE: DELETED "RNAV (GPS) Y RWY 36L" AND ALL ASSOCIATIONS - PER ATC REQUEST.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:	AJV-A431	NAME: WESTLEY OWENS
APPROVED BY:	DATE: 07/11/2024	OFFICE: AJV-A431
	SIGNATURE:	NAME: ERIC N SUSKI

RADIO FIX AND HOLDING DATA RECORD

NAME: SIVIE

STATE: TX

COUNTRY: US

ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 260129.75N/0972758.33W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE

IAP

IAP

USE TITLE

RNAV (GPS) RWY 36R

RNAV (GPS) Y RWY 36L

FAC

PAT

AIRPORT IDENT

KHRL

KHRL

CITY

HARLINGEN

HARLINGEN

STATE

TX (US)

TX (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 07/11/2024

REASON FOR REVISION:

1. FIX USE KHRL RNAV (GPS) Y RWY 35L CHANGED TO RNAV (GPS) Y RWY 36L.
2. FIX USE KHRL RNAV (GPS) RWY 35R CHANGED TO RNAV (GPS) RWY 36R.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: CHARLES HIRST

APPROVED BY:

DATE: 07/11/2024

OFFICE: AJV-A431

NAME: ERIC N SUSKI

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: TIMMM

STATE: TX

COUNTRY: US

ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 260314.50N/0974502.92W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE

IAP

USE TITLE

ILS OR LOC RWY 36L SA CAT I/SA
CAT II

FAC

PAT

AIRPORT IDENT

KHRL

CITY

HARLINGEN

STATE

TX (US)

IAP

RNAV (GPS) Y RWY 36L

KHRL

HARLINGEN

TX (US)

IAP

RNAV (RNP) Z RWY 36L

KHRL

HARLINGEN

TX (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 07/11/2024

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: JOSEPH BLANCO

APPROVED BY:

DATE: 07/11/2024

OFFICE: AJV-A430

NAME: BEV L BORDY

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: ZIPIV

STATE: TX

COUNTRY: US

ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 262449.98N/0973923.23W

TYPE: WP, 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	HARLINGEN	I-HRL	LOC/DME		357.64	000.64	12.10	12.09		2000	4500

HOLDING:

HOLDING TYPE OF ACTION: MODIFY

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG TIME	LENGTH DME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	N		WP	357.63	177.63	R		4	2000	6000	4	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	WINDMILL (48-192170)	263241.05N/0973655.47W	634	4D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 18R	1		KHRL	HARLINGEN	TX (US)
IAP	ILS OR LOC RWY 36L SA CAT I/SA CAT II		1	KHRL	HARLINGEN	TX (US)
IAP	ILS RWY 18R (SA CAT I & SA CAT II) 1			KHRL	HARLINGEN	TX (US)
IAP	RNAV (GPS) Y RWY 18R			KHRL	HARLINGEN	TX (US)
IAP	RNAV (GPS) Y RWY 36L		1	KHRL	HARLINGEN	TX (US)
IAP	RNAV (RNP) Z RWY 18R			KHRL	HARLINGEN	TX (US)
IAP	RNAV (RNP) Z RWY 36L		1	KHRL	HARLINGEN	TX (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

DATE OF REVISION: 07/11/2024

REASON FOR REVISION:

1. FIX MAKE-UP FACILITIES: ADDED FAC 1 (I-HRL LOC/DME) AND ALL ASSOCIATIONS.
2. HOLDING: PAT 1 CHANGED RAD/CRS/BRG FROM "355.63" TO "357.63" AND CRS INBOUND FROM "175.63" TO "177.63".
3. HOLDING: CONTROLLING OBSTRUCTION: PAT 1 OBSTRUCTION CHANGED FROM "WINDMILL (48-174952) 262235.82N/0974251.55W ELEV 533 AC 4D" TO "WINDMILL (48-192170) 263241.05N/0973655.47W ELEV 634 AC 4D".
4. FIX USE: USE TITLE: ADDED "ILS OR LOC RWY 18R" - PER ATC REQUEST.
5. FIX USE: USE TITLE: CHANGED "RNAV (RNP) Z RWY 17R" TO "RNAV (RNP) Z RWY 18R" - MAGVAR CHANGE/RUNWAY RENUMBERING.
6. FIX USE: USE TITLE: ADDED "ILS RWY 18R SA CAT I & SA CAT II AND ALL ASSOCIATIONS" - PER ATC REQUEST.
7. FIX USE: USE TITLE: ADDED "ILS OR LOC RWY 36L SA CAT 1/CAT II AND ALL ASSOCIATIONS" - PER ATC REQUEST.
8. FIX USE: USE TITLE: ADDED "RNAV (GPS) Y RWY 18R" - PER ATC REQUEST.
9. FIX USE: CHANGED "RNAV (GPS) Y RWY 35L" TO "RNAV (GPS) Y RWY 36L" - MAGVAR CHANGE/RUNWAY RENUMBERING.
10. FIX USE: CHANGED "RNAV (RNP) Z RWY 35L" TO "RNAV (RNP) Z RWY 36L" - MAGVAR CHANGE/RUNWAY RENUMBERING.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: WESTLEY OWENS

APPROVED BY:

DATE: 07/11/2024

OFFICE: AJV-A431

NAME: ERIC N SUSKI

SIGNATURE: