

RADIO FIX AND HOLDING DATA RECORD

NAME: CIVIP

STATE: TX

COUNTRY: US

ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 305621.71N/0975209.65W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 1

FAC

PAT

AIRPORT IDENT
ILE

CITY
KILLEEN

STATE
TX (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 09/15/2016

REASON FOR REVISION:

LAT/LONG 305636.08N/0975015.38W CHANGED TO 305621.71N/0975209.65W. FIX MOVED 1.6 NM NW.
FIX NAME RETAINED PER FPT CHECKLIST.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 02/23/2016

OFFICE: AJV-5421

NAME: DEANNA FIELDS

APPROVED BY:

DATE: 06/21/2016

OFFICE: AJV-5420

NAME: GEORGE GONZALEZ

SIGNATURE:

DISTRIBUTION:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: DARTE

STATE: TX

COUNTRY: US

ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 304558.08N/0972706.60W

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	CENTEX	CWK	VORTAC	VH	003.86	009.86	23.55	23.55		3600	17500
2	GOOCH SPRINGS	AGJ	VORTAC	H	120.02	125.02	43.56	43.56		3600	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
AGJ	VORTAC	R-120	44	3500	14500

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	SW		WP	240.00	060.00	R		4	3000	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (48-001384)	304439.00N/0973608.00W	1173	4D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

REMARKS:

CENTEX (FAC 1) AND GOOCH SPRINGS (FAC 2) USED TO ESTABLISH FIX COORDINATES.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	CENTEX	1, 2		AUS	AUSTIN	TX (US)
EN ROUTE	V17	1, 2				TX (US)
IAP	RNAV (GPS) RWY 13			EDC	AUSTIN	TX (US)
IAP	RNAV (GPS) RWY 31		1	EDC	AUSTIN	TX (US)
IAP	VOR-A	1, 2		GRK	FORT CAVAZOS (KILLEEN)	TX (US)
IAP	COPTER VOR RWY 33	1, 2		GRK	FORT HOOD/KILLEEN	TX (US)
IAP	RNAV (GPS) RWY 11		1	GTU	GEORGETOWN	TX (US)
IAP	RNAV (GPS) RWY 18		1	GTU	GEORGETOWN	TX (US)
IAP	RNAV (GPS) RWY 29		1	GTU	GEORGETOWN	TX (US)
IAP	RNAV (GPS) RWY 36		1	GTU	GEORGETOWN	TX (US)
IAP	RNAV (GPS) RWY 1			ILE	KILLEEN	TX (US)
IAP	VOR-A	1, 2		ILE	KILLEEN	TX (US)
IAP	RNAV (GPS) RWY 34			TPL	TEMPLE	TX (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 11

DATE OF REVISION: 02/20/2025

REASON FOR REVISION:

1. CHANGED AGJ ESV MAX ALTITUDE FROM "15700" TO "14500".

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: DANIEL JOHNSEN

APPROVED BY:

DATE: 02/20/2025

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: EHWAM

STATE: TX

COUNTRY: US

ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 305236.15N/0973741.55W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 1

FAC

PAT

AIRPORT IDENT
ILE

CITY
KILLEEN

STATE
TX (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 09/15/2016

REASON FOR REVISION:

LAT/LONG 305342.56N/0973907.53W CHANGED TO 305236.15N/0973741.55W FIX MOVED 1.65 NM SE.
FIX NAME RETAINED PER FPT CHECKLIST.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 02/23/2016

OFFICE: AJV-5421

NAME: DEANNA FIELDS

APPROVED BY:

DATE: 06/21/2016

OFFICE: AJV-5420

NAME: GEORGE GONZALEZ

SIGNATURE:

DISTRIBUTION:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: GOOCH SPRINGS VORTAC STATE: TX COUNTRY: US ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 311107.82N/0980830.69W 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	GOOCH SPRINGS	AGJ	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 LENGTH TIME DME	HOLDING ALTITUDES MIN MAX	TEMPLATES MIN MAX
1	N	AGJ	VORTAC	014.00	194.00	R	1-1 1/2	3000 17500	4 16
2	N		WP	010.00	190.00	R	4	3000 17500	5 17

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	312036.00N/0980651.00W	1638	4E
1	265	AAO	310842.00N/0981500.00W	1720	4E
2	200	AAO	310942.00N/0981354.00W	1687	4B
2	265	AAO	310842.00N/0981500.00W	1720	4E
2	310	AAO	311418.00N/0981915.00W	1792	4B

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
2	RNAV (GPS) RWY 34	KLZZ	LAMPASAS	TX (US)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED
PAT 1 AND PAT 2 EVALUATED AT 265 KIAS TO SUPPORT MILITARY OPERATIONS
ASSIGNED FACILITY MAGVAR: 5E (2010)

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	AUSTIN			AUS	AUSTIN	TX (US)
DP	CENTEX			AUS	AUSTIN	TX (US)
DP	CONRA			GRK	FORT HOOD (KILLEEN)	TX (US)
DP	LAMPS			GRK	FORT HOOD (KILLEEN)	TX (US)
DP	CONRA			HLR	FORT HOOD (KILLEEN)	TX (US)
DP	LAMPS			HLR	FORT HOOD (KILLEEN)	TX (US)
DP	CONRA			ILE	KILLEEN	TX (US)
DP	LAMPS			ILE	KILLEEN	TX (US)
DP	ALAMO			SAT	SAN ANTONIO	TX (US)
DP	ALAMO			SSF	SAN ANTONIO	TX (US)
EN ROUTE	T545					(US)
EN ROUTE	V163					(US)
EN ROUTE	V358					(US)
IAP	RNAV (GPS) RWY 19			BMQ	BURNET	TX (US)
IAP	COPTER VOR RWY 33			GRK	FORT HOOD (KILLEEN)	TX (US)
IAP	ILS OR LOC RWY 15		1	GRK	FORT HOOD (KILLEEN)	TX (US)
IAP	ILS OR LOC RWY 33		1	GRK	FORT HOOD (KILLEEN)	TX (US)
IAP	RADAR-1		1	GRK	FORT HOOD (KILLEEN)	TX (US)
IAP	RNAV (GPS) RWY 15		2	GRK	FORT HOOD (KILLEEN)	TX (US)
IAP	RNAV (GPS) RWY 33		2	GRK	FORT HOOD (KILLEEN)	TX (US)
IAP	VOR RWY 15		1	GRK	FORT HOOD (KILLEEN)	TX (US)
IAP	VOR-A			GRK	FORT HOOD (KILLEEN)	TX (US)
IAP	COPTER NDB RWY 34			HLR	FORT HOOD (KILLEEN)	TX (US)
IAP	COPTER RNAV (GPS) RWY 34			HLR	FORT HOOD (KILLEEN)	TX (US)
IAP	COPTER VOR 032			HLR	FORT HOOD (KILLEEN)	TX (US)
IAP	RNAV (GPS) RWY 11			GTU	GEORGETOWN	TX (US)
IAP	RNAV (GPS) RWY 36			MNZ	HAMILTON	TX (US)
IAP	LOC RWY 1			ILE	KILLEEN	TX (US)
IAP	RNAV (GPS) RWY 1			ILE	KILLEEN	TX (US)
IAP	VOR-A			ILE	KILLEEN	TX (US)
IAP	RNAV (GPS) RWY 34		2	LZZ	LAMPASAS	TX (US)
IAP	VOR-A		1	LZZ	LAMPASAS	TX (US)
IAP	RNAV (GPS) RWY 17			AQO	LLANO	TX (US)
IAP	ILS OR LOC RWY 16			TPL	TEMPLE	TX (US)
STAR	BLEWE			AUS	AUSTIN	TX (US)
STAR	BLEWE			HYI	AUSTIN	TX (US)
STAR	BLEWE			3R9	LAKEWAY	TX (US)
STAR	MARCS			SAT	SAN ANTONIO	TX (US)
STAR	MARCS			SKF	SAN ANTONIO	TX (US)
STAR	MARCS			SSF	SAN ANTONIO	TX (US)

STAR MARCS RND UNIVERSAL CITY TX (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 17

DATE OF REVISION: 05/14/2026

REASON FOR REVISION:

REMOVED AIRSPACE DOCKET #24-ASW-13.

CHANGED ALL INSTANCES OF "FORT CAVAZOS (KILLEEN)" TO "FORT HOOD (KILLEEN)".

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

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A432 **NAME:** SILVIA YOUNG

APPROVED BY: **DATE:** 04/09/2026 **OFFICE:** AJV-A432 **NAME:** CASIMIR TABAKA

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: JOTCO

STATE: TX

COUNTRY: US

ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 310111.97N/0974234.51W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 1

FAC

PAT

AIRPORT IDENT
ILE

CITY
KILLEEN

STATE
TX (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 09/15/2016

REASON FOR REVISION:

LAT/LONG 310114.30N/0974233.69W CHANGED TO 310111.97N/0974234.51W. FIX MOVED 246 FT SOUTH.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 02/23/2016

OFFICE: AJV-5421

NAME: DEANNA FIELDS

APPROVED BY:

DATE: 06/21/2016

OFFICE: AJV-5420

NAME: GEORGE GONZALEZ

SIGNATURE:

DISTRIBUTION:

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