

RADIO FIX AND HOLDING DATA RECORD

NAME: BOOVE

STATE: TX

COUNTRY: US

LATITUDE/LONGITUDE: 322257.36N/0973729.42W

TYPE: WP, INT, 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	GLEN ROSE	JEN	VORTAC	L	037.86	043.86	18.54	18.54		3000	17500
2	MILLSAP	MQP	VORTAC	H	128.33	137.33		27.93		3000	17500

REMARKS:

GLEN ROSE (FAC 1) AND MILLSAP (FAC 2) USED TO ESTABLISH FIX COORDINATES

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	BOOVE (RNAV)			KDFW	DALLAS-FORT WORTH	TX (US)
STAR	GLEN ROSE	1, 2		KDFW	DALLAS-FORT WORTH	TX (US)
STAR	SOCKK (RNAV)			KDFW	DALLAS-FORT WORTH	TX (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 09/18/2014

DEVELOPED BY: DATE: 01/28/2014

OFFICE: AJV-353

NAME: STEPHEN PETERSON

APPROVED BY: DATE: 09/18/2014

OFFICE: AJV-353

NAME: GEORGE GONZALEZ

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZFW
ATC FACILITY: REGIONAL APP CON
OTHER:

QUALITY
2
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: DARRB

STATE: TX

COUNTRY: US

LATITUDE/LONGITUDE: 322217.36N/0975446.55W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

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	W		WP	263.19	083.19	L	10	10000 23000	15 20
2	W		WP	263.01	083.01	L	10	10000 14000	15 15

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	TOWER (48-010157)	321623.01N/0980124.29W	2510	5D
2	230	TOWER (48-010157)	321623.01N/0980124.29W	2510	5D

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST
PAT 2 ATC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
PAT 1 AND 2 MIN TEMPLATE 15 USED TO ACCOMMODATE 10NM LEG LENGTHS.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	BOOVE (RNAV)		1	KDFW	DALLAS-FORT WORTH	TX (US)
STAR	SOCKK (RNAV)		2	KDFW	DALLAS-FORT WORTH	TX (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 08/20/2015

REASON FOR REVISION:

UPDATE FIX COORDINATES, FIX MOVED 1.42 NM NORTH (NAME RETAINED AT ATC REQUEST).
HOLDING PAT 1: CRS INBOUND CHANGED FROM 079.11 TO 083.19, TURNS FROM R TO L.
HOLDING PAT 2: CRS INBOUND CHANGED FROM 078.98 TO 083.01, TURNS FROM R TO L.

DEVELOPED BY: DATE: 01/30/2015 OFFICE: AJV-353 NAME: THOMAS KIRKPATRICK

APPROVED BY: DATE: 06/23/2015 OFFICE: AJV-353 NAME: GEORGE GONZALEZ

SIGNATURE:

DISTRIBUTION: NFDC
FPO: CEN
ARTCC: ZFW
ATC FACILITY: REGIONAL APP CON
OTHER:

QUALITY
2
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: EGADS

STATE: TX

COUNTRY: US

LATITUDE/LONGITUDE: 313906.58N/0980610.94W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

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	S		WP	183.32	003.32	L	10	10000 30000	15 23
2	S		WP	183.43	003.43	L	10	10000 23000	15 20

CONTROLLING OBSTRUCTIONS:

PAT AIRSPEED OBSTRUCTION

1	230	AAO
2	230	AAO

COORDINATES

313042.00N/0982139.00W
313042.00N/0982139.00W

ELEVATION

1844 4E
1844 4E

ACCURACY CODE

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST
PAT 2 ATC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
HOLDING PAT 1 AND 2 MIN TEMPLATE 15 USED TO ACCOMMODATE 10NM LEG LENGTHS.

FIX USE:

USE TYPE

STAR
STAR

USE TITLE

BOOVE (RNAV)
SOCKK (RNAV)

FAC

PAT

1
2

AIRPORT IDENT

KDFW
KDFW

CITY

DALLAS-FORT WORTH
DALLAS-FORT WORTH

STATE

TX (US)
TX (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 08/20/2015

REASON FOR REVISION:

CHANGED HOLDING PATTERNS 1 AND 2 FROM RIGHT TURNS TO LEFT TURNS, AND CONTROLLING OBSTACLE FROM 1756 MSL AAO TO 1844 MSL AAO.

DEVELOPED BY:

DATE: 01/30/2015

OFFICE: AJV-353

NAME: THOMAS KIRKPATRICK

APPROVED BY:

DATE: 06/23/2015

OFFICE: AJV-353

NAME: GEORGE GONZALEZ

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZFW
ATC FACILITY: REGIONAL APP CON
OTHER:QUALITY
2
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: GEEKY

STATE: TX

COUNTRY: US

LATITUDE/LONGITUDE: 321646.32N/0995301.09W

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	BOOVE (RNAV)			KDFW	DALLAS-FORT WORTH	TX (US)
STAR	SOCKK (RNAV)			KDFW	DALLAS-FORT WORTH	TX (US)
STAR	LIKES (RNAV)			KLUD	DECATUR	TX (US)
STAR	LIKES (RNAV)			KDTO	DENTON	TX (US)
STAR	LIKES (RNAV)			K50F	FORT WORTH	TX (US)
STAR	LIKES (RNAV)			KAFW	FORT WORTH	TX (US)
STAR	LIKES (RNAV)			KFTW	FORT WORTH	TX (US)
STAR	LIKES (RNAV)			KNFW	FORT WORTH	TX (US)
STAR	LIKES (RNAV)			KWEA	WEATHERFORD	TX (US)

REQUIRED CHARTING: STAR, CONTROLLER

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 08/20/2015

REASON FOR REVISION:

UPDATE FIX USE.

DEVELOPED BY: DATE: 01/27/2015

OFFICE: AJV-353

NAME: THOMAS KIRKPATRICK

APPROVED BY: DATE: 06/22/2015

OFFICE: AJV-353

NAME: GEORGE GONZALEZ

SIGNATURE:

DISTRIBUTION:

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

QUALITY
2
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: GRCIA

STATE: TX

COUNTRY: US

LATITUDE/LONGITUDE: 322231.36N/0974850.97W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
STARUSE TITLE
SOCKK (RNAV)

FAC

PAT

AIRPORT IDENT
KDFWCITY
DALLAS-FORT WORTHSTATE
TX (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 08/20/2015

REASON FOR REVISION:

UPDATE FIX COORDINATES, FIX MOVED 1.05 NM NORTH (NAME RETAINED AT ATC REQUEST).

DEVELOPED BY:

DATE: 01/30/2015

OFFICE: AJV-353

NAME: THOMAS KIRKPATRICK

APPROVED BY:

DATE: 06/23/2015

OFFICE: AJV-353

NAME: GEORGE GONZALEZ

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZFW
ATC FACILITY: REGIONAL APP CON
OTHER:QUALITY
2
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: GUTZZ

STATE: TX

COUNTRY: US

LATITUDE/LONGITUDE: 312444.83N/0980820.43W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

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	S		WP	183.32	003.32	L	10	10000 30000	15 23
2	S		WP	183.18	003.18	L	10	10000 28000	15 22

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	TOWER (48-014343)	311312.91N/0982351.08W	1880	2C
2	230	TOWER (48-014343)	311312.91N/0982351.08W	1880	2C

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST
PAT 2 ATC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
HOLDING PAT 1 AND 2 MIN TEMPLATE 15 USED TO ACCOMMODATE 10NM LEG LENGTHS.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	BOOVE (RNAV)		1	KDFW	DALLAS-FORT WORTH	TX (US)
STAR	SOCKK (RNAV)		2	KDFW	DALLAS-FORT WORTH	TX (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 05/26/2016

REASON FOR REVISION:

FIX MOVED 6.69NM NORTH, NAME RETAINED AT ATC REQUEST.
UPDATED HOLDING PAT 2 CONTROLLING OBSTACLE.

DEVELOPED BY: DATE: 01/27/2016 OFFICE: AJV-5442 NAME: JEFF ANDERSON

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

SIGNATURE:

DISTRIBUTION: NFDC
FPO: CEN
ARTCC: ZFW
ATC FACILITY: REGIONAL APP CON
OTHER:

QUALITY
2
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: HOVAS

STATE: TX

COUNTRY: US

LATITUDE/LONGITUDE: 314447.09N/0985715.67W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

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	10	10000 30000	15 23
2	SW		WP	239.00	059.00	R	10	10000 30000	15 23
3	SW		WP	241.00	061.00	R	10	10000 30000	15 23

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	265	TOWER (48-004000)	314346.00N/0990113.00W	2100	5D
2	265	TOWER (48-004000)	314346.00N/0990113.00W	2100	5D
3	265	TOWER (48-004000)	314346.00N/0990113.00W	2100	5D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 HOLDING PATTERNS EVALUATED FOR 10 NM LEG LENGTH AT ATC REQUEST.
 ALL HOLDING PATTERNS SHARE THE SAME TRUE GROUND TRACK 064.00

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 35			KBWD	BROWNWOOD	TX (US)
STAR	SWVAY (RNAV)		2	KGKY	ARLINGTON	TX (US)
STAR	SWVAY (RNAV)		2	KCPT	CLEBURNE	TX (US)
STAR	SWVAY (RNAV)		2	KADS	DALLAS	TX (US)
STAR	BACHR (RNAV)		3	KDAL	DALLAS	TX (US)
STAR	DRYYE (RNAV)		3	KDAL	DALLAS	TX (US)
STAR	SWVAY (RNAV)		2	KDAL	DALLAS	TX (US)
STAR	SWVAY (RNAV)		2	KRBD	DALLAS	TX (US)
STAR	SWVAY (RNAV)		2	KTKI	DALLAS	TX (US)
STAR	BOOVE (RNAV)		1	KDFW	DALLAS-FORT WORTH	TX (US)
STAR	SOCKK (RNAV)		1	KDFW	DALLAS-FORT WORTH	TX (US)
STAR	LIKES (RNAV)		1	KLUD	DECATUR	TX (US)
STAR	LIKES (RNAV)		1	KDTO	DENTON	TX (US)
STAR	SWVAY (RNAV)		2	KF41	ENNIS	TX (US)
STAR	LIKES (RNAV)		1	K50F	FORT WORTH	TX (US)
STAR	LIKES (RNAV)		1	KAFW	FORT WORTH	TX (US)
STAR	LIKES (RNAV)		1	KFTW	FORT WORTH	TX (US)
STAR	SWVAY (RNAV)		2	KFW5	FORT WORTH	TX (US)
STAR	LIKES (RNAV)		1	KNFW	FORT WORTH	TX (US)
STAR	SWVAY (RNAV)		2	KGPM	GRAND PRAIRIE	TX (US)
STAR	SWVAY (RNAV)		2	KLNC	LANCASTER	TX (US)
STAR	SWVAY (RNAV)		2	KHQZ	MESQUITE	TX (US)
STAR	SWVAY (RNAV)		2	KJWY	MIDLOTHIAN/WAXAHACHIE	TX (US)
STAR	SWVAY (RNAV)		2	KF46	ROCKWALL	TX (US)
STAR	LIKES (RNAV)		1	KWEA	WEATHERFORD	TX (US)

REQUIRED CHARTING: STAR, IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 05/26/2016

REASON FOR REVISION:

UPDATED FIX USE, CHANGED KDAL NRTAY (RNAV) STAR TO DRYYE.

DEVELOPED BY: DATE: 01/14/2016

OFFICE: AJV-5442

NAME: JEFF ANDERSON

APPROVED BY: DATE:

OFFICE: AJV-5420

NAME: GEORGE GONZALEZ

SIGNATURE:

DISTRIBUTION:

NFDC
 FPO: CEN
 ARTCC: ZFW
 ATC FACILITY: REGIONAL APP CON
 OTHER:

QUALITY
 2
 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: ISABL

STATE: TX

COUNTRY: US

LATITUDE/LONGITUDE: 322837.14N/0973102.22W

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 NM	FAC FEET	MRA	MAA
1	GLEN ROSE	JEN	VORTAC	L	037.86	043.86	26.40	26.40		3000	17500
2	MILLSAP	MQP	VORTAC	H	112.38	121.38		28.55		3000	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

GLEN ROSE (FAC 1) AND MILLSAP (FAC 2) USED TO ESTABLISH FIX COORDINATES

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	GLEN ROSE	1, 2		KDFW	DALLAS-FORT WORTH	TX (US)
STAR	SOCKK (RNAV)			KDFW	DALLAS-FORT WORTH	TX (US)

REQUIRED CHARTING: STAR, AREA, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 09/18/2014

REASON FOR REVISION:

UPDATED FIX COORDINATES; FIX MOVED 4080.95FT NW.
 CHANGED FAC 1 TRUE BRG FROM 045.32 TO 043.86.
 CHANGED FAC 2 TRUE BRG FROM 121.68 TO 121.38.
 CHANGED FAC 2 DIST FROM FAC IN NM FROM 29.20 TO 28.55.
 ADDED WP TO FIX TYPE.
 ADDED REMARK FOR FACS USED TO ESTABLISH COORDINATES.
 UPDATED FIX USE.

DEVELOPED BY:

DATE: 01/30/2014

OFFICE: AJV-353

NAME: STEPHEN PETERSON

APPROVED BY:

DATE: 09/18/2014

OFFICE: AJV-353

NAME: GEORGE GONZALEZ

SIGNATURE:

DISTRIBUTION:

NFDC
 FPO: CEN
 ARTCC: ZFW
 ATC FACILITY: REGIONAL APP CON
 OTHER:

QUALITY
 2
 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: KIILO

STATE: TX

COUNTRY: US

LATITUDE/LONGITUDE: 320933.36N/0974544.52W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

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	205.60	025.60	L	10	10000 23000	15 20
2	SW		WP	205.71	025.71	L	10	10000 14000	15 15

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	TOWER (48-008124)	320723.00N/0975848.00W	1879	5D
2	230	TOWER (48-008124)	320723.00N/0975848.00W	1879	5D

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST
PAT 2 ATC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
HOLDING PAT 1 AND 2 MIN TEMPLATE 15 USED TO ACCOMMODATE 10NM LEG LENGTHS.
NAME CHANGED FROM BLDOE TO KIILO.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	BOOVE (RNAV)		1	KDFW	DALLAS-FORT WORTH	TX (US)
STAR	SOCKK (RNAV)		2	KDFW	DALLAS-FORT WORTH	TX (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 08/20/2015

REASON FOR REVISION:

NAME CHANGED FROM BLDOE TO KIILO.

DEVELOPED BY:

DATE: 01/29/2015

OFFICE: AJV-353

NAME: THOMAS KIRKPATRICK

APPROVED BY:

DATE: 06/23/2015

OFFICE: AJV-353

NAME: GEORGE GONZALEZ

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZFW
ATC FACILITY: REGIONAL APP CON
OTHER:

QUALITY
2
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: KYSSS

STATE: TX

COUNTRY: US

LATITUDE/LONGITUDE: 321354.16N/0974250.19W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX USE:
USE TYPESTAR
STAR

USE TITLE

BOOVE (RNAV)
SOCKK (RNAV)

FAC

PAT

AIRPORT IDENT

KDFW
KDFW

CITY

DALLAS-FORT WORTH
DALLAS-FORT WORTH

STATE

TX (US)
TX (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 09/18/2014

DEVELOPED BY:

DATE: 01/28/2014

OFFICE: AJV-353

NAME: STEPHEN PETERSON

APPROVED BY:

DATE: 09/18/2014

OFFICE: AJV-353

NAME: GEORGE GONZALEZ

SIGNATURE:

DISTRIBUTION:

NFDC

FPO: CEN

ARTCC: ZFW

ATC FACILITY: REGIONAL APP CON

OTHER:

QUALITY
2
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: NNJUH

STATE: TX

COUNTRY: US

LATITUDE/LONGITUDE: 322034.24N/0983606.57W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

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	W		WP	262.78	082.78	L	10	10000 30000	15 23

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	WINDMILL (48-021485)	322043.63N/0982942.40W	2111	5D

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
HOLDING MIN TEMPLATE 15 USED TO ACCOMMODATE 10NM LEG LENGTHS.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	BOOVE (RNAV)		1	KDFW	DALLAS-FORT WORTH	TX (US)
STAR	SOCKK (RNAV)		1	KDFW	DALLAS-FORT WORTH	TX (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 08/20/2015

REASON FOR REVISION:

UPDATE FIX COORDINATES, FIX MOVED 3.89 NM NORTH (NAME RETAINED AT ATC REQUEST).
HOLDING PAT 1: CHANGED CRS INBOUND FROM 080.70 TO 082.78, TURNS FROM RIGHT TO LEFT.
HOLDING PAT 2: REMOVED.
UPDATE FIX USE.

DEVELOPED BY: DATE: 01/30/2015

OFFICE: AJV-353

NAME: THOMAS KIRKPATRICK

APPROVED BY: DATE: 06/23/2015

OFFICE: AJV-353

NAME: GEORGE GONZALEZ

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZFW
ATC FACILITY: REGIONAL APP CON
OTHER:

QUALITY
2
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: PHILS

STATE: TX

COUNTRY: US

LATITUDE/LONGITUDE: 321124.51N/1001817.88W

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	MRA FEET	MAA
1	TUSCOLA	TQA	VOR/DME	L	253.86	263.86	25.00	25.00	18000	41000
2	SAN ANGELO	SJT	VORTAC	H	358.89	008.89		49.41	18000	45000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
TQA	VOR/DME	R-254	25	18000	41000

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	W	TQA	VOR/DME	253.86	073.86	R	1 1/2		18000	41000	17	29
2	W		WP	260.00	080.00	R		10	10000	30000	15	23
3	W		WP	259.00	079.00	R		10	10000	30000	15	23
4	W		WP	261.00	081.00	R		10	10000	30000	15	23

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
2	265	TOWER (48-003524)	320637.00N/1003925.00W	3109	2C
3	265	TOWER (48-003524)	320637.00N/1003925.00W	3109	2C
4	265	TOWER (48-003524)	320637.00N/1003925.00W	3109	2C

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

TUSCOLA (FAC 1) AND SAN ANGELO (FAC 2) USED TO ESTABLISH FIX COORDINATES
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 WP HOLDING PATTERNS EVALUATED FOR 10 NM LEG LENGTH AT ATC REQUEST.
 PATTERNS 2-4 SHARE THE SAME TRUE GROUND TRACK; 084.00.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	KNEAD	1, 2	1	KGKY	ARLINGTON	TX (US)
STAR	SWVAY (RNAV)		3	KGKY	ARLINGTON	TX (US)
STAR	KNEAD	1, 2	1	KCPT	CLEBURNE	TX (US)
STAR	SWVAY (RNAV)		3	KCPT	CLEBURNE	TX (US)
STAR	KNEAD	1, 2	1	KADS	DALLAS	TX (US)
STAR	SWVAY (RNAV)		3	KADS	DALLAS	TX (US)
STAR	BACHR (RNAV)		4	KDAL	DALLAS	TX (US)
STAR	DRYYE (RNAV)		4	KDAL	DALLAS	TX (US)
STAR	KNEAD	1, 2	1	KDAL	DALLAS	TX (US)
STAR	SWVAY (RNAV)		3	KDAL	DALLAS	TX (US)
STAR	KNEAD	1, 2	1	KRBD	DALLAS	TX (US)
STAR	SWVAY (RNAV)		3	KRBD	DALLAS	TX (US)
STAR	KNEAD	1, 2	1	KTKI	DALLAS	TX (US)
STAR	SWVAY (RNAV)		3	KTKI	DALLAS	TX (US)
STAR	BOOVE (RNAV)		2	KDFW	DALLAS-FORT WORTH	TX (US)
STAR	GLEN ROSE	1, 2	1	KDFW	DALLAS-FORT WORTH	TX (US)
STAR	SOCKK (RNAV)		2	KDFW	DALLAS-FORT WORTH	TX (US)
STAR	LIKES (RNAV)		2	KLUD	DECATUR	TX (US)
STAR	LIKES (RNAV)		2	KDTO	DENTON	TX (US)
STAR	SLUGG	1, 2	1	KDTO	DENTON	TX (US)
STAR	SWVAY (RNAV)		3	KF41	ENNIS	TX (US)
STAR	LIKES (RNAV)		2	K50F	FORT WORTH	TX (US)
STAR	LIKES (RNAV)		2	KAFW	FORT WORTH	TX (US)
STAR	SLUGG	1, 2	1	KAFW	FORT WORTH	TX (US)
STAR	LIKES (RNAV)		2	KFTW	FORT WORTH	TX (US)
STAR	SLUGG	1, 2	1	KFTW	FORT WORTH	TX (US)
STAR	KNEAD	1, 2	1	KFWS	FORT WORTH	TX (US)
STAR	SWVAY (RNAV)		3	KFWS	FORT WORTH	TX (US)
STAR	LIKES (RNAV)		2	KNFW	FORT WORTH	TX (US)
STAR	SLUGG	1, 2	1	KNFW	FORT WORTH	TX (US)
STAR	KNEAD	1, 2	1	KGPM	GRAND PRAIRIE	TX (US)
STAR	SWVAY (RNAV)		3	KGPM	GRAND PRAIRIE	TX (US)
STAR	KNEAD	1, 2	1	KLNC	LANCASTER	TX (US)
STAR	SWVAY (RNAV)		3	KLNC	LANCASTER	TX (US)
STAR	KNEAD	1, 2	1	KHQZ	MESQUITE	TX (US)
STAR	SWVAY (RNAV)		3	KHQZ	MESQUITE	TX (US)
STAR	SWVAY (RNAV)		3	KJWY	MIDLOTHIAN/WAXAHACHIE	TX (US)
STAR	SWVAY (RNAV)		3	KF46	ROCKWALL	TX (US)

QUALITY
2
CHECKED

INFO ONLY
TX (US)

STAR LIKES (RNAV) 2 KWEA WEATHERFORD

REQUIRED CHARTING: STAR, CONTROLLER, EN ROUTE HIGH**COMPULSORY REPORTING POINT:** NO**RECORD REVISION NUMBER:** 6**DATE OF REVISION:** 05/26/2016**REASON FOR REVISION:**

UPDATED FIX USE, CHANGED KDAL NRTAY (RNAV) STAR TO DRYYE.

DEVELOPED BY: **DATE:** 01/14/2016 **OFFICE:** AJV-5442 **NAME:** JEFF ANDERSON**APPROVED BY:** **DATE:** **OFFICE:** AJV-5420 **NAME:** GEORGE GONZALEZ**SIGNATURE:****DISTRIBUTION:** **NFDC**
 FPO: CEN
 ARTCC: ZFW
 ATC FACILITY: RGNL APP CON
 OTHER:QUALITY
2
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: SNGGL

STATE: TX

COUNTRY: US

LATITUDE/LONGITUDE: 321932.27N/0985827.46W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

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 ALTITUDES MIN MAX	TEMPLATES MIN MAX
1	W		WP	262.34	082.34	L	10	10000 30000	15 23

CONTROLLING OBSTRUCTIONS:

PAT	AIR SPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	TOWER (48-015636)	321709.50N/0992045.70W	2485	4D

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
HOLDING MIN TEMPLATE 15 USED TO ACCOMMODATE 10NM LEG LENGTHS.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	BOOVE (RNAV)		1	KDFW	DALLAS-FORT WORTH	TX (US)
STAR	SOCKK (RNAV)		1	KDFW	DALLAS-FORT WORTH	TX (US)

REQUIRED CHARTING: STAR, CONTROLLER, EN ROUTE HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 08/20/2015

REASON FOR REVISION:

UPDATE FIX COORDINATES, FIX MOVED 4.73 NM NORTH (NAME RETAINED AT ATC REQUEST).
ADD HOLDING.
UPDATE FIX USE.
ADD CONTROLLER, EN ROUTE HIGH TO REQUIRED CHARTING.

DEVELOPED BY: DATE: 01/30/2015

OFFICE: AJV-353

NAME: THOMAS KIRKPATRICK

APPROVED BY: DATE: 06/23/2015

OFFICE: AJV-353

NAME: GEORGE GONZALEZ

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZFW
ATC FACILITY: REGIONAL APP CON
OTHER:

QUALITY
2
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: SOCKK

STATE: TX

COUNTRY: US

LATITUDE/LONGITUDE: 322956.85N/0971656.04W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX USE:
USE TYPE
STARUSE TITLE
SOCKK (RNAV)

FAC

PAT

AIRPORT IDENT
KDFWCITY
DALLAS-FORT WORTHSTATE
TX (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 09/18/2014

DEVELOPED BY:

DATE: 01/31/2014

OFFICE: AJV-353

NAME: STEPHEN PETERSON

APPROVED BY:

DATE: 09/18/2014

OFFICE: AJV-353

NAME: GEORGE GONZALEZ

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZFW
ATC FACILITY: REGIONAL APP CON
OTHER:QUALITY
2
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: WERMO

STATE: TX

COUNTRY: US

LATITUDE/LONGITUDE: 312648.35N/0980803.48W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX USE:
USE TYPE
STARUSE TITLE
SOCKK (RNAV)

FAC PAT

AIRPORT IDENT
KDFWCITY
DALLAS-FORT WORTHSTATE
TX (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 09/18/2014

DEVELOPED BY: DATE: 01/31/2014

OFFICE: AJV-353

NAME: STEPHEN PETERSON

APPROVED BY: DATE: 09/18/2014

OFFICE: AJV-353

NAME: GEORGE GONZALEZ

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZFW
ATC FACILITY: REGIONAL APP CON
OTHER:QUALITY
2
CHECKED