

RADIO FIX AND HOLDING DATA RECORD

NAME: DELTA VORTAC STATE: UT COUNTRY: US ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 391807.96N/1123020.00W 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	DELTA	DTA	VORTAC	H							45000

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	DTA	VORTAC	184.00	004.00	L	1-1 1/2	9600 17500	9 16
2	S		WP	184.00	004.00	L	7	9600 17500	10 17

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	390754.00N/1123306.00W	5886	4E
1	310	AAO	391921.00N/1121757.00W	7760	4E
2	230	AAO	390754.00N/1123306.00W	5886	4E

REASON FOR NONSTANDARD HOLDING:

PAT 1 TERRAIN
PAT 2 TERRAIN

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	VOR/DME RWY 17	KDTA	DELTA	UT (US)
1	VOR RWY 35	KDTA	DELTA	UT (US)
1	FILLMORE TAKEOFF MINS	KFOM	FILLMORE	UT (US)

REMARKS:

1. PAT 1 310K OBS LOCATED 1.93 NM INTO SECONDARY.
2. PRECIPITOUS TERRAIN EVALUATION COMPLETED.
3. ASSIGNED FACILITY MAGVAR: 16 DEGREES WEST.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	FILLMORE TAKEOFF MINS		1	KFOM	FILLMORE	UT (US)
DP	WUXOT (RNAV) (OBSTACLE)			K41U	MANTI	UT (US)
DP	NEPHI (RNAV)(OBSTACLE)			KU14	NEPHI	UT (US)
DP	RICHFIELD (RNAV)			KRIF	RICHFIELD	UT (US)
DP	EDETH (RNAV)			KSLC	SALT LAKE CITY	UT (US)
DP	FAIRFIELD			KSLC	SALT LAKE CITY	UT (US)
DP	SALT LAKE			KSLC	SALT LAKE CITY	UT (US)
DP	SEVYR			KSLC	SALT LAKE CITY	UT (US)
DP	WEVIC (RNAV)			KSLC	SALT LAKE CITY	UT (US)
EN ROUTE	J148					(US)
EN ROUTE	J199					(US)
EN ROUTE	J84					(US)
EN ROUTE	V21					(US)
EN ROUTE	V235					(US)
EN ROUTE	V257					(US)
IAP	RNAV (GPS) RWY 17			KDTA	DELTA	UT (US)
IAP	VOR RWY 35		1	KDTA	DELTA	UT (US)
IAP	VOR/DME RWY 17		1	KDTA	DELTA	UT (US)
IAP	RNAV (GPS) Y RWY 12			KDPG	DUGWAY PROVING GROUND	UT (US)
IAP	RNAV (GPS) Z RWY 12			KDPG	DUGWAY PROVING GROUND	UT (US)
IAP	TACAN Y RWY 12			KDPG	DUGWAY PROVING GROUND	UT (US)
IAP	TACAN Z RWY 12			KDPG	DUGWAY PROVING GROUND	UT (US)
IAP	RNAV (GPS) RWY 22			KFOM	FILLMORE	UT (US)
IAP	RNAV (GPS) RWY 4		2	KFOM	FILLMORE	UT (US)
IAP	RNAV (GPS) RWY 3			K41U	MANTI	UT (US)
IAP	RNAV (GPS) RWY 17			KU14	NEPHI	UT (US)
IAP	RNAV (GPS) RWY 35			KU14	NEPHI	UT (US)
IAP	RNAV (GPS) RWY 19			KRIF	RICHFIELD	UT (US)
STAR	DELTA (RNAV)			KSLC	SALT LAKE CITY	UT (US)
STAR	JAMMN			KSLC	SALT LAKE CITY	UT (US)
STAR	LEEHY (RNAV)			KSLC	SALT LAKE CITY	UT (US)
STAR	QWENN (RNAV)			KSLC	SALT LAKE CITY	UT (US)

QUALITY
10
CHECKED

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

COMPULSORY REPORTING POINT: LOW

RECORD REVISION NUMBER: 13

DATE OF REVISION: 10/12/2017

REASON FOR REVISION:

1. UPDATED MAX TEMPLATE FOR PAT 1 TO 16
2. UPDATED MAX TEMPLATE FOR PAT 2 TO 17
3. UPDATED CONTROLLING OBSTACLE FOR PAT 1 AND PAT 2 230 KIAS.
4. UPDATE NOTE FOR ASSIGNED FACILITY MAGVAR IN REMARKS SECTION.
5. DELETED REMARK " ADDITIONAL AIRSPACE REQUIRED FOR HOLDING GREATER THAN OR EQUAL TO P16."

DEVELOPED BY: **DATE:** 12/19/2016 **OFFICE:** AJV-5422 **NAME:** DANIEL OLSON (KEVIN KESZLER)

APPROVED BY: **DATE:** **OFFICE:** AJV-5420 **NAME:** JULIE MORGAN

SIGNATURE:

DISTRIBUTION: **NFDC**
 FPO: WST
 ARTCC: ZLC
 ATC FACILITY:
 OTHER:



RADIO FIX AND HOLDING DATA RECORD

NAME: DETAN **STATE:** UT **COUNTRY:** US **ICAO REGION CODE:** K2
LATITUDE/LONGITUDE: 382222.30N/1123746.69W **TYPE:** WP, INT, DME
AIRSPACE DOCKET: 16-AWP-1 **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	MILFORD	MLF	VORTAC	H	071.51	087.51	18.12	18.12	12000	17500
2	DELTA	DTA	VORTAC	H	170.00	186.00		56.02	12000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
DTA	VORTAC	R-170	57	12000	17500

FIX RESTRICTIONS:

MCA T298 12700 NORTHEAST BOUND

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	NW		WP	326.00	146.00	R		7	12000	17500	10	14
2	SW		WP	211.65	031.65	L		8	12000	14000	10	11

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	382300.00N/1124857.00W	9843	4E
2	230	AAO	382303.00N/1122751.00W	10788	4E

PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
1	230	342
2	230	380

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

MILFORD (FAC 1) USED TO ESTABLISH FIX COORDINATES
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 HOLDING PAT 2 CONTROLLING OBSTACLE LOCATED 1.68 NM INTO SECONDARY AREA.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	T298					(US)
EN ROUTE	V244	1, 2				(US)
EN ROUTE	V257	1, 2				(US)
IAP	RNAV (GPS)-A			KU52	BEAVER	UT (US)
IAP	RNAV (GPS) RWY 4			KFOM	FILLMORE	UT (US)
IAP	RNAV (GPS) RWY 36		1	KU55	PANGUITCH	UT (US)
IAP	RNAV (GPS) RWY 19		2	KRIF	RICHFIELD	UT (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 9

DATE OF REVISION: 06/22/2017

REASON FOR REVISION:

- ADDED AIRSPACE DOCKET 16-AWP-1.
- ADDED FIX RESTRICTION MCA T298 12700 NORTHEAST BOUND.
- UPDATED FIX USE: ADDED EN ROUTE T298 (US).

DEVELOPED BY: **DATE:** 01/20/2017 **OFFICE:** AJV-5422 **NAME:** JOHN THORNTON

APPROVED BY: **DATE:** **OFFICE:** AJV-5420 **NAME:** JULIE MORGAN

SIGNATURE:

DISTRIBUTION: NFDC
 FPO: WST
 ARTCC: ZLC
 ATC FACILITY:



OTHER: CDC FSS



RADIO FIX AND HOLDING DATA RECORD

NAME: JAMEP

STATE: UT

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 385334.65N/1122832.80W

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 4

FAC

PAT

AIRPORT IDENT
KFOM

CITY
FILLMORE

STATE
UT (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 10/12/2017

REASON FOR REVISION:

MOVED JAMEP 794FT SOUTHWEST TO COLLOCATE PRECISION/NON-PRECISION FAF.

DEVELOPED BY:

DATE: 12/01/2016

OFFICE: AJV-5423

NAME: DANIEL OLSON (KEVIN KESZLER)

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: WST
ARTCC: ZLC
ATC FACILITY:
OTHER:

QUALITY
10
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: KEPGE

STATE: UT

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 384913.17N/1123603.00W

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 MIN	ALTITUDES MAX	TEMPLATES MIN	MAX
1	SW		WP	221.36	041.36	L	7	8200	14000	10	11

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	384430.00N/1124621.00W	6916	3E

PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
1	230	190

REASON FOR NONSTANDARD HOLDING:

PAT 1 TERRAIN

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	RNAV (GPS) RWY 4		1	KFOM	FILLMORE	UT (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 10/12/2017

REASON FOR REVISION:

1. UPDATED PAT 1 CONTROLLING OBSTACLE
2. CHANGED MINIMUM HOLDING ALTITUDE TO 8200FT.
3. CHANGED MINIMUM TEMPLATE TO 10.
4. ADDED 190 FOOT PRECIPITOUS TERRAIN ADJUSTMENT TO PAT 1.

DEVELOPED BY:

DATE: 12/01/2016

OFFICE: AJV-5423

NAME: DANIEL OLSON (KEVIN KESZLER)

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: WST
ARTCC: ZLC
ATC FACILITY:
OTHER:

QUALITY
10
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: MUBNE

STATE: UT

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 385201.17N/1124431.21W

TYPE: WP, 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	DELTA	DTA	VORTAC	H	187.02	203.02	28.34	28.34		9600	17500

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V21-235	1				(US)
IAP	RNAV (GPS) RWY 4			KFOM	FILLMORE	UT (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 11/18/2010

DEVELOPED BY: DATE: 12/11/2009

OFFICE: AVN-130

NAME: DONALD SMITH (GARY SOSNOWSKI)

APPROVED BY: DATE: 08/02/2010

OFFICE: AVN-130

NAME: DEZ SILAGYI

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: WST
ARTCC: ZLC
ATC FACILITY:
OTHER:

QUALITY
10
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: YADNU

STATE: UT

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 390843.04N/1121445.95W

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) RWY 22
RNAV (GPS) RWY 4

FAC

PAT

AIRPORT IDENT

KFOM
KFOM

CITY

FILLMORE
FILLMORE

STATE

UT (US)
UT (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 10/12/2017

REASON FOR REVISION:

1. FIX MOVED 6,309.31 FT NORTHEAST. FIX NAME RETAINED PER ATC REQUEST.
2. UPDATED FIX USE. ADDED KFOM RNAV (GPS) RWY 4.

DEVELOPED BY:

DATE: 01/05/2017

OFFICE: AJV-5423

NAME: DANIEL OLSON (JASON KRETSCHMER)

APPROVED BY:

DATE:

OFFICE:

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: WST
ARTCC: ZLC
ATC FACILITY:
OTHER:

QUALITY
10
CHECKED