

RADIO FIX AND HOLDING DATA RECORD

NAME: ALBUQUERQUE VORTAC **STATE:** NM **COUNTRY:** US **ICAO REGION CODE:** K2

LATITUDE/LONGITUDE: 350237.66N/1064858.72W **TYPE:**

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	ALBUQUERQUE	ABQ	VORTAC	VH							45000

FIX RESTRICTIONS:

MCA V190 11500 NORTHEAST BOUND
MCA V12 10700 EASTBOUND
MCA V68 10000 SOUTHEAST BOUND
MCA V611 8200 NORTHEAST BOUND

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	W	ABQ	VORTAC	257.00	077.00	L	1		8000	29000	8	22
2	W		WP	259.00	079.00	L		7	8000	14000	9	11

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	350445.00N/1070833.00W	6503	4E
1	310	AAO	350259.50N/1071124.70W	6900	6C
2	230	AAO	350415.00N/1070848.00W	6644	
2	310	AAO	350259.50N/1071124.70W	6900	6C

REASON FOR NONSTANDARD HOLDING:

PAT 1 AVOID INBOUND/OUTBOUND TRAFFIC
PAT 2 ATC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	TAKEOFF MINIMUMS	KABQ	ALBUQUERQUE	NM (US)
1	ALBUQUERQUE	KABQ	ALBUQUERQUE	NM (US)
1	LARGO	KABQ	ALBUQUERQUE	NM (US)
2	RNAV (GPS) Y RWY 3	KABQ	ALBUQUERQUE	NM (US)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
ASSIGNED FACILITY MAG VAR: 13E 1965.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	FTHLS (RNAV)			KCHD	CHANDLER	AZ (US)
DP	LALUZ (RNAV)			KCHD	CHANDLER	AZ (US)
DP	FTHLS (RNAV)			KGEU	GLENDALE	AZ (US)
DP	LALUZ (RNAV)			KGEU	GLENDALE	AZ (US)
DP	FTHLS (RNAV)			KGYR	GOODYEAR	AZ (US)
DP	LALUZ (RNAV)			KGYR	GOODYEAR	AZ (US)
DP	FTHLS (RNAV)			KDVT	PHOENIX	AZ (US)
DP	LALUZ (RNAV)			KDVT	PHOENIX	AZ (US)
DP	FTHLS (RNAV)			KIWA	PHOENIX	AZ (US)
DP	LALUZ (RNAV)			KIWA	PHOENIX	AZ (US)
DP	BALDY			KPHX	PHOENIX	AZ (US)
DP	BROAK (RNAV)			KPHX	PHOENIX	AZ (US)
DP	FORPE (RNAV)			KPHX	PHOENIX	AZ (US)
DP	ST. JOHNS			KPHX	PHOENIX	AZ (US)
DP	FTHLS (RNAV)			KSDL	SCOTTSDALE	AZ (US)
DP	LALUZ (RNAV)			KSDL	SCOTTSDALE	AZ (US)
DP	SCOTTSDALE			KSDL	SCOTTSDALE	AZ (US)
DP	ADYOS (RNAV)			KABQ	ALBUQUERQUE	NM (US)
DP	ALBUQUERQUE		1	KABQ	ALBUQUERQUE	NM (US)
DP	BOSQE (RNAV)			KABQ	ALBUQUERQUE	NM (US)
DP	DOOKK (RNAV)			KABQ	ALBUQUERQUE	NM (US)
DP	LARGO		1	KABQ	ALBUQUERQUE	NM (US)
DP	RDRNR (RNAV)			KABQ	ALBUQUERQUE	NM (US)
DP	TAKEOFF MINIMUMS		1	KABQ	ALBUQUERQUE	NM (US)
DP	ZIASF			KSAF	SANTA FE	NM (US)
EN ROUTE	J13					(US)
EN ROUTE	J15					(US)
EN ROUTE	J18					(US)

EN ROUTE	J57			(US)	
EN ROUTE	J6			(US)	
EN ROUTE	J72			(US)	
EN ROUTE	J78			(US)	
EN ROUTE	V12			(US)	
EN ROUTE	V187			(US)	
EN ROUTE	V190			(US)	
EN ROUTE	V234			(US)	
EN ROUTE	V263			(US)	
EN ROUTE	V291			(US)	
EN ROUTE	V60			(US)	
EN ROUTE	V611			(US)	
EN ROUTE	V68			(US)	
IAP	HI TACAN RWY 8		KABQ	ALBUQUERQUE	NM (US)
IAP	HI-ILS OR LOC RWY 8		KABQ	ALBUQUERQUE	NM (US)
IAP	ILS OR LOC RWY 3	1	KABQ	ALBUQUERQUE	NM (US)
IAP	ILS OR LOC RWY 8	1	KABQ	ALBUQUERQUE	NM (US)
IAP	RNAV (GPS) Y RWY 3	2	KABQ	ALBUQUERQUE	NM (US)
IAP	RNAV (GPS) Y RWY 8		KABQ	ALBUQUERQUE	NM (US)
IAP	RNAV (RNP) Y RWY 21	2	KABQ	ALBUQUERQUE	NM (US)
IAP	RNAV (RNP) Y RWY 26	2	KABQ	ALBUQUERQUE	NM (US)
IAP	RNAV (RNP) Z RWY 21	2	KABQ	ALBUQUERQUE	NM (US)
IAP	RNAV (RNP) Z RWY 26	2	KABQ	ALBUQUERQUE	NM (US)
IAP	RNAV (RNP) Z RWY 3	2	KABQ	ALBUQUERQUE	NM (US)
IAP	RNAV (RNP) Z RWY 8	2	KABQ	ALBUQUERQUE	NM (US)
IAP	VOR RWY 8	1	KABQ	ALBUQUERQUE	NM (US)
IAP	ILS OR LOC RWY 22		KAEG	ALBUQUERQUE	NM (US)
IAP	RNAV (GPS) RWY 22		KAEG	ALBUQUERQUE	NM (US)
IAP	RNAV (GPS) RWY 4		KAEG	ALBUQUERQUE	NM (US)
STAR	CURLY		KABQ	ALBUQUERQUE	NM (US)
STAR	FRIHO		KABQ	ALBUQUERQUE	NM (US)
STAR	LAVAN		KABQ	ALBUQUERQUE	NM (US)
STAR	MIERA		KABQ	ALBUQUERQUE	NM (US)
STAR	CURLY		KAEG	ALBUQUERQUE	NM (US)
STAR	FRIHO		KAEG	ALBUQUERQUE	NM (US)
STAR	LAVAN		KAEG	ALBUQUERQUE	NM (US)
STAR	MIERA		KAEG	ALBUQUERQUE	NM (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: 23

DATE OF REVISION: 07/11/2024

REASON FOR REVISION:

1. CHANGED FIX MAKE-UP ABQ VORTAC CLASS FROM "H" TO "VH".
2. ADDED FIX RESTRICTION "MCA V611 8200 NORTHEAST BOUND".
3. REMOVED UPN HOLDING PATTERN, OBSTACLES, AND HOLDING RESTRICTION NOTES.
4. REMOVED HOLDING PATTERN 2 REMARKS "CONTROLLING OBSTRUCTIONS IPDS PROVIDED ACCURACY".
5. UPDATED FIX USE BOSQE DP KABQ USE TITLE FORM "BOSQE" TO "BOSQE (RNAV)".
6. REMOVED FIX USE FOR KABQ "GRZZZ (RNAV) DP", "JETOK (RNAV) DP", AND "KRKEE (RNAV) STAR".
7. CHANGED REQUIRED CHARTING "CONTROLLER" TO "CONTROLLER LOW AND CONTROLLER HIGH".
8. ADDED "HOLDING RESTRICTIONS: HOLDING LIMITED TO ESTABLISHED PATTERNS".

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A422

NAME: DANIEL WESTON

APPROVED BY:

DATE: 07/11/2024

OFFICE: AJV-A422

NAME: RAKE MCGRAW

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: FORT UNION VORTAC **STATE:** NM **COUNTRY:** US **ICAO REGION CODE:** K2
LATITUDE/LONGITUDE: 353927.18N/1050808.15W **TYPE:**

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	FORT UNION	FTI	VORTAC	VH							45000

FIX RESTRICTIONS:

MCA V611 11300 WESTBOUND
MCA V263 11300 WESTBOUND
MCA V190 11300 SOUTHWEST BOUND
MCA V263 10900 NORTHBOUND
MCA V611 10900 NORTHBOUND

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	FTI	VORTAC	012.00	192.00	L	1		9000	40000	9	27
2	N		WP	012.00	192.00	L		4	14000	17000	11	17

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	353728.60N/1050401.10W	7229	4E
2	230	AAO	353728.60N/1050401.10W	7229	4E

REASON FOR NONSTANDARD HOLDING:

PAT 1 HIGH TERRAIN WEST
PAT 2 HIGH TERRAIN WEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	TAKE-OFF MINIMUMS	KLVS	LAS VEGAS	NM (US)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED
CHART PATTERN 1 ENROUTE LOW AND ENROUTE HIGH CHART
PATTERN 1 CLIMB IN HOLD TO 12000 FOR LAS VEGAS MUNI DEPARTURE PROCEDURE NOT AUTHORIZED FOR TURBOJET AIRCRAFT (LIMITED TO 230 KIAS)
ASSIGNED FACILITY MAGVAR: E13/1965

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	ALBUQUERQUE			KABQ	ALBUQUERQUE	NM (US)
DP	FYSTA (RNAV)			KABQ	ALBUQUERQUE	NM (US)
DP	TAKE-OFF MINIMUMS		1	KLVS	LAS VEGAS	NM (US)
DP	TAFOY			KSAF	SANTA FE	NM (US)
EN ROUTE	J104		1			(US)
EN ROUTE	J18		1			(US)
EN ROUTE	J244		1			(US)
EN ROUTE	J58		1			(US)
EN ROUTE	J76		1			(US)
EN ROUTE	J8		1			(US)
EN ROUTE	V190		1			(US)
EN ROUTE	V263		1			(US)
EN ROUTE	V60		1			(US)
EN ROUTE	V611		1			(US)
IAP	HI-ILS OR LOC RWY 8			KABQ	ALBUQUERQUE	NM (US)
IAP	HI-TACAN RWY 8			KABQ	ALBUQUERQUE	NM (US)
IAP	RNAV (GPS) RWY 17		2	KAXX	ANGEL FIRE	NM (US)
IAP	RNAV (GPS) RWY 2			KLVS	LAS VEGAS	NM (US)
IAP	RNAV (GPS) RWY 20			KLVS	LAS VEGAS	NM (US)
IAP	RNAV (GPS) RWY 32			KLVS	LAS VEGAS	NM (US)
IAP	VOR RWY 20		1	KLVS	LAS VEGAS	NM (US)
STAR	FRIHO			KABQ	ALBUQUERQUE	NM (US)
STAR	FIRHO			KAEG	ALBUQUERQUE	NM (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 18

DATE OF REVISION: 07/11/2024

REASON FOR REVISION:

1. UPDATED FIX MAKE-UP FTI VORTAC CLASS FROM "H" TO "VH".

INITIATED BY:**DATE:****ORGANIZATION:****NAME:****OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A422

NAME: DANIEL WESTON**APPROVED BY:****DATE:** 07/11/2024**OFFICE:** AJV-A422**NAME:** RAKE MCGRAW**SIGNATURE:**

RADIO FIX AND HOLDING DATA RECORD

NAME: SANTA FE VORTAC

STATE: NM

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 353225.95N/1060353.77W

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	SANTA FE	SAF	VORTAC	L						17500

FIX RESTRICTIONS:

MCA V263 11600 EASTBOUND
MCA V611 11600 EASTBOUND

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	SE	SAF	VORTAC	152.00	332.00	R	1	9000 14000	9 10
2	SE		WP	152.00	332.00	R	8	9000 14000	10 11

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	353512.00N/1055257.00W	8317	4E
1	310	AAO	352048.00N/1060930.00W	8613	4E
2	230	AAO	353443.15N/1055436.01W	7905	2A

PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
1	310	106

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	TAKEOFF MINIMUMS	KSAF	SANTA FE	NM (US)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
HOLDING PAT 2 PER ATC REQUEST.
PAT 2: 230 AIRSPEED CONTROLLING OBSTACLE 11488 FEET FROM INNER EDGE OF SECONDARY.
ASSIGNED FACILITY MAG VAR: 13E 1965.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	POAKE			KSAF	SANTA FE	NM (US)
DP	TAFOY			KSAF	SANTA FE	NM (US)
DP	TAKEOFF MINIMUMS		1	KSAF	SANTA FE	NM (US)
DP	ZIASE			KSAF	SANTA FE	NM (US)
EN ROUTE	V263					(US)
EN ROUTE	V611					(US)
EN ROUTE	V62					(US)
EN ROUTE	V83		1, 2			(US)
IAP	ILS OR LOC RWY 2			KSAF	SANTA FE	NM (US)
IAP	RNAV (GPS) RWY 15			KSAF	SANTA FE	NM (US)
IAP	RNAV (GPS) RWY 20			KSAF	SANTA FE	NM (US)
IAP	RNAV (GPS) RWY 28			KSAF	SANTA FE	NM (US)
IAP	RNAV (GPS) RWY 33			KSAF	SANTA FE	NM (US)
IAP	VOR RWY 33		1	KSAF	SANTA FE	NM (US)
IAP	VOR/DME-A		1	KSAF	SANTA FE	NM (US)
STAR	CURLY			KABQ	ALBUQUERQUE	NM (US)
STAR	CURLY			KAEG	ALBUQUERQUE	NM (US)

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

COMPULSORY REPORTING POINT: LOW

RECORD REVISION NUMBER: 9

DATE OF REVISION: 07/11/2024

REASON FOR REVISION:

1. REMOVED UPN HOLDING, OBSTACLES, PRECIPITOUS TERRAIN ADDITIONS, HOLDING RESTRICTIONS, AND REMARKS.
2. UPDATED FIX USE ENROUTE TITLE FROM "V62-263" AND "V62-611" TO "V62", "V263" AND "V611".
3. CHANGED REQUIRED CHARTING "CONTROLLER" TO "CONTROLLER LOW AND CONTROLLER HIGH".
4. ADDED "HOLDING RESTRICTIONS: HOLDING LIMITED TO ESTABLISHED PATTERNS".

INITIATED BY:**DATE:****ORGANIZATION:****NAME:****OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A422

NAME: DANIEL WESTON**APPROVED BY:****DATE:** 07/11/2024**OFFICE:** AJV-A422**NAME:** RAKE MCGRAW**SIGNATURE:**