

RADIO FIX AND HOLDING DATA RECORD

NAME: ALMAS STATE: KS COUNTRY: US ICAO REGION CODE: K3
 LATITUDE/LONGITUDE: 390213.84N/0963442.97W TYPE: 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	MRA	MAA
1	TOPEKA	TOP	VORTAC	VL	258.23	263.23		48.46	3000	17500
2	EMPORIA	EMP	VORTAC	L	327.30	335.30	49.28	49.28	3000	17500
3	MANHATTAN	MHK	VOR/DME	T	143.00	147.00	7.74	7.74	1600	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
TOP	VORTAC	R-258	49	3600	6100
EMP	VORTAC	R-327	50	3000	17500
MHK	VOR/DME	R-143	8	13000	17500

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	SE	MHK	VOR/DME	143.00	323.00	R	1	3000 17500	6 18

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (20-020356)	390005.16N/0962927.08W	1890	1A

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE (US)
EN ROUTE	V4	1, 2, 3				
IAP	ILS OR LOC RWY 3	1, 3	1	KMHK	MANHATTAN	KS (US)
IAP	VOR RWY 3	1, 3	1	KMHK	MANHATTAN	KS (US)
IAP	VOR-F	1, 3	1	KMHK	MANHATTAN	KS (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 12 DATE OF REVISION: 08/10/2023

REASON FOR REVISION:

1. FIX MAKE-UP FACILITIES UPDATE: FAC 1 CLASS TYPE CHANGED FROM L TO VL. MAG BRG/TRUE BRG CHANGED FROM 258.22/263.22 TO 258.23/263.23.
2. EXPANDED SERVICE VOLUME (ESV) UPDATE: TOP VORTAC MAX ALTITUDE CHANGED FROM 17500 TO 6100.
3. REMOVED 22-ACE-1 FROM AIRSPACE DOCKET.

INITIATED BY: DATE: ORGANIZATION: NAME:
 OFFICE OF PRIMARY RESPONSIBILITY: AJV-A443 NAME: KWEKU DONKOR
 APPROVED BY: DATE: 08/10/2023 OFFICE: AJV-A430 NAME: JOHNNIE BAKER

SIGNATURE: Digitally signed by
DAVID TEFFETELLER
 Jun 27, 2023



RADIO FIX AND HOLDING DATA RECORD

NAME: JUXON

STATE: KS

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 385710.76N/0964748.94W

TYPE: 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	MRA	MAA
1	MANHATTAN	MHK	VOR/DME	T	203.49	207.49	13.00	13.00	3600	17500
2	SALINA	SLN	VORTAC	VH	080.26	087.26		38.63	3600	17500

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	NE	SLN	VORTAC	050.00	230.00	R	1	3000 3800	6 6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (20-000574)	390053.13N/0965213.07W	1926	1A

REMARKS:

FAC 1 AND FAC 2 USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V261	1, 2				(US)
IAP	ILS OR LOC RWY 3	1, 2	1	KMHK	MANHATTAN	KS (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 08/10/2023

REASON FOR REVISION:

1. ADDED PAT 1 AND ASSOCIATED DATA.
2. FIX USE UPDATE: ADDED PAT 1 TO ILS OR LOC RWY 3 AT KMHK.
3. FIX USE UPDATE: CHANGED FAC 2 CLASS TYPE FROM H TO VH. MAG BRG/TRUE BRG CHANGED FROM "080.27/087.27" TO "080.26/087.26"

06/30/2023 THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 06/28/2023

CHANGED PAT 1 TYPE FROM WP TO VORTAC AND ADDED IDENT: SLN

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: KWEKU DONKOR

APPROVED BY:

DATE: 08/10/2023

OFFICE: AJV-A430

NAME: JOHNNIE BAKER

SIGNATURE: Digitally signed by

DAVID TEFFETELLER

Jun 30, 2023



RADIO FIX AND HOLDING DATA RECORD

NAME: WEVAL

STATE: KS

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 390312.41N/0962500.47W

TYPE: 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	MANHATTAN	MHK	VOR/DME	T	111.03	115.03	13.00	13.00	3600	12000
2	TOPEKA	TOP	VORTAC	VL	258.22	263.22	40.84	40.84	3600	17500
3	EMPORIA	EMP	VORTAC	L	336.10	344.10		47.53	3600	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
TOP	VORTAC	R-258	41	3600	6100
EMP	VORTAC	R-336	48	3600	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

MANHATTAN (FAC 1) AND TOPEKA (FAC 2) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V4	2				(US)
IAP	ILS OR LOC RWY 3	1, 2		KMHK	MANHATTAN	KS (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 08/10/2023

REASON FOR REVISION:

1. FIX MAKE-UP FACILITIES UPDATE: CHANGED FAC 2 CLASS TYPE FROM L TO VL. FAC 2 MAG BRG/TRUE BRG CHANGED FROM 258.18/263.18 TO 258.22/263.22.
2. EXPANDED SERVICE VOLUME (ESV) UPDATE: CHANGED TOP VORTAC MAX ALTITUDE FROM 17500 TO 6100.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: KWEKU DONKOR

APPROVED BY:

DATE: 08/10/2023

OFFICE: AJV-A430

NAME: JOHNNIE BAKER

SIGNATURE: Digitally signed by

DAVID TEFFETELLER

Jun 28, 2023

QUALITY
50
CHECKED