

RADIO FIX AND HOLDING DATA RECORD

NAME: BROKK STATE: COUNTRY: CA ICAO REGION CODE: CY
 LATITUDE/LONGITUDE: 421953.00N/0813454.98W 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	MRA	MAA
1	SALEM	SVM	VORTAC	L	095.29	092.29	89.60	89.60	9000	45000
2	LONDON	YXU	VOR/DME	H	212.48	204.48		46.51	9000	45000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
SVM	VORTAC	R-095	90	9000	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	HOLDING ALTITUDES MIN DME	MAX	TEMPLATES MIN	MAX
1	W	SVM	VORTAC	095.29	095.29	R	1 1/2	18000	45000		31

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	HHOWE (RNAV)			CYQG	ONTARIO, CANADA	(CA)
DP	HHOWE (RNAV)			KARB	ANN ARBOR	MI (US)
DP	MOONN	1, 2		KARB	ANN ARBOR	MI (US)
DP	HHOWE (RNAV)			KDET	DETROIT	MI (US)
DP	MOONN	1, 2		KDET	DETROIT	MI (US)
DP	HHOWE (RNAV)			KDTW	DETROIT	MI (US)
DP	MOONN	1, 2		KDTW	DETROIT	MI (US)
DP	HHOWE (RNAV)			KYIP	DETROIT	MI (US)
DP	MOONN	1, 2		KYIP	DETROIT	MI (US)
DP	HHOWE (RNAV)			KONZ	DETROIT/GROSSE ILE	MI (US)
DP	HHOWE (RNAV)			KOZW	HOWELL	MI (US)
DP	HHOWE (RNAV)			KTTF	MONROE	MI (US)
DP	HHOWE (RNAV)			KMTC	MOUNT CLEMENS	MI (US)
DP	HHOWE (RNAV)			KPTK	PONTIAC	MI (US)
DP	MOONN	1, 2		KPTK	PONTIAC	MI (US)
DP	HHOWE (RNAV)			KVLL	TROY	MI (US)
EN ROUTE	J70	1, 2	1			(CA)
EN ROUTE	V90	1, 2				(CA)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 8

DATE OF REVISION: 05/24/2018

REASON FOR REVISION:

ADDED FIX TYPE 'WP'
 REMOVED V418, V406, AND V5 FROM FIX USE
 ADDED HHOWE (RNAV) DP TO FIX USE (11 AIRPORTS)

DEVELOPED BY: DATE: 12/01/2017 OFFICE: AJV-5422 NAME: LUCAS MCCLOUD

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

SIGNATURE:

DISTRIBUTION: NFDC
 FPO: CEN
 ARTCC: ZOB
 ATC FACILITY:
 OTHER: