

RADIO FIX AND HOLDING DATA RECORD

NAME: HARBS

STATE: OH

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 413942.08N/0833431.02W

TYPE: INT, DME

AIRSPACE DOCKET: 16-AGL-2

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	TOLEDO	I-BQE	LOC		072.18	067.18		12.63		3100	5100
2	WATERVILLE	VWV	VOR/DME	L	014.75	012.75	12.93	12.93		3000	17500
3	TOLEDO	TOL	TACAN	T			10.88	10.88		3100	12000

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	E	I-BQE	LOC	072.18	252.18	L	1	3100 5000	8 9

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
UPN	265	TOWER (39-000350)	414003.00N/0832122.00W	2015	5D
1	265	TOWER (39-000350)	414003.00N/0832122.00W	2015	5D

REASON FOR NONSTANDARD HOLDING:

PAT 1 AT REQUEST, TRAFFIC SEPARATION.

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 25	1, 2, 3	1	KTOL	TOLEDO	OH (US)

REQUIRED CHARTING: IAP, CONTROLLER

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 9

DATE OF REVISION: 05/24/2018

REASON FOR REVISION:

REMOVED V493 AND K1G0 RNAV (GPS) RWY 18 FROM FIX USE
REMOVED ENROUTE LOW FROM CHARTING
REMOVED WP FROM FIX TYPE
REMOVED KONZ RNAV (GPS) RWY 22 AND RWY 4 FROM FIX USE

DEVELOPED BY: DATE: 12/06/2017 OFFICE: AJV-5412 NAME: ROSE BOONE

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

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZOB
ATC FACILITY: TOL APP CON, TOL ATCT
OTHER: