

# RADIO FIX AND HOLDING DATA RECORD

NAME: CUYAG STATE: TN COUNTRY: US ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 355739.82N/0862215.33W TYPE: 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	SHELBYVILLE	SYI	VOR/DME	L	008.91	007.91	24.14	24.14	3000	17500

HOLDING: HOLDING TYPE OF ACTION: MODIFY

## PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	S	SYI	VOR/DME	008.91	008.91	R	1	3000	6000	5	6

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	355806.00N/0861651.00W	1280	4E

## HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

## REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 32 (ALT MA)	1	1	KMQY	SMYRNA	TN (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 DATE OF REVISION: 07/14/2022

## REASON FOR REVISION:

1. REMOVED INT AS FIX TYPE.
2. REMOVED BNA AS FAC 1.
3. ADDED DME DIST FROM FAC FOR SYI.
4. REMOVED BNA ALIGNED HOLDING.
5. ADDED SYI ALIGNED HOLDING.
6. UPDATED FIX USE.

INITIATED BY: DATE: ORGANIZATION: NAME:

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A421 NAME: JANTZEN TAYLOR

APPROVED BY: DATE: 07/14/2022 OFFICE: AJV-A420 NAME: MARLON ROBINSON

SIGNATURE: *Digitally signed by*  
**JASON KRETSCHMER**  
 May 02, 2023



# RADIO FIX AND HOLDING DATA RECORD

NAME: JOPIV

STATE: TN

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 355053.73N/0862055.25W

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	SMYRNA	I-MQY	LOC		141.15	139.15		13.59	3000	5000
2	NASHVILLE	BNA	VORTAC	H	138.49	136.49	23.81	23.81	3000	5000
3	SHELBYVILLE	SYI	VOR/DME	L	015.43	014.43		17.71	3000	5000

HOLDING:

HOLDING TYPE OF ACTION: MODIFY

**PATTERNS:**

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	HOLDING DME	ALTITUDES MIN	ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	SE	I-MQY	LOC	141.15	321.15	R	1		3000	5000	5	6
2	SE		WP	141.24	321.24	R		4	3000	6000	5	6

**CONTROLLING OBSTRUCTIONS:**

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	354306.00N/0861351.00W	1592	4E
2	200	AAO	354306.00N/0861351.00W	1592	4E

**HOLDING RESTRICTIONS:**

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

**REMARKS:**

SMYRNA (FAC 1) AND NASHVILLE (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 32	1, 2, 3	1	KMQY	SMYRNA	TN (US)
IAP	RNAV (GPS) RWY 14		2	KMQY	SMYRNA	TN (US)
IAP	RNAV (GPS) RWY 32		2	KMQY	SMYRNA	TN (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 08/10/2023

**REASON FOR REVISION:**

1. LOWERED FAC 2 AND 3 MAA FROM 17500 TO 5000.
2. LOWERED PAT 1 MAX HOLDING FROM 6000 TO 5000.
3. UPDATED FIX USE.

04/11/2023: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 02/04/2022.

1. FIX USE: ADDED FAC 1, 2, 3 AND PAT 1 TO ILS OR LOC RWY 32.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: PATRICK COMBS

APPROVED BY:

DATE: 08/10/2023

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

*Digitally signed by*  
**JASON KRETSCHMER**  
May 02, 2023

QUALITY  
35  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: OXCUH

STATE: TN

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 355627.42N/0862649.04W

TYPE: 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	FAC FEET	MRA	MAA
1	SMYRNA	I-MQY	LOC		141.15	139.15		6.26	38021	2000	5000
2	NASHVILLE	BNA	VORTAC	H			16.49	16.49		2000	5000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 32	1, 2		KMQY	SMYRNA	TN (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 08/10/2023

## REASON FOR REVISION:

1. REMOVED MAG/TRUE BRG FROM FAC 2.
2. LOWER FAC 2 MAA FROM 17500 TO 5000.
3. UPDATED FIX USE.

04/11/2023: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 02/04/2022.

1. FIX USE: ADDED FAC 1, 2 TO ILS OR LOC RWY 32.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: PATRICK COMBS

APPROVED BY:

DATE: 08/10/2023

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

*Digitally signed by*

**JASON KRETSCHMER**

May 02, 2023



# RADIO FIX AND HOLDING DATA RECORD

NAME: UJIVA

STATE: TN

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 355842.27N/0862912.33W

TYPE: WP, 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	FAC FEET	MRA	MAA
1	SMYRNA	I-MQY	LOC		141.15	139.15		3.29		1000	5000
2	NASHVILLE	BNA	VORTAC	H			13.53	13.53		1000	5000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 32	1, 2		KMQY	SMYRNA	TN (US)
IAP	RNAV (GPS) RWY 32			KMQY	SMYRNA	TN (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 08/10/2023

## REASON FOR REVISION:

1. REMOVED MAG/TRUE BRG FROM FAC 2.
2. LOWERED FAC 2 MAA FROM 17500 TO 5000.
3. UPDATED FIX USE.

04/11/2023: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 02/04/2022.

1. FIX USE: ADDED FAC 1, 2 TO ILS OR LOC RWY 32.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: PATRICK COMBS

APPROVED BY:

DATE: 08/10/2023

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

*Digitally signed by*  
**JASON KRETSCHMER**  
May 02, 2023

QUALITY  
35  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: WALTER HILL NDB

STATE: TN

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 355740.46N/0862215.52W

TYPE:

AIRSPACE DOCKET:

FIX TYPE OF ACTION: CANCEL

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	WALTER HILL	FQW	NDB	MH							17500

HOLDING:

HOLDING TYPE OF ACTION: CANCEL

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	FQW	NDB	005.72	185.72	L	1	2700 6000	4 5
2	N	FQW	NDB	005.76	185.76	L	1	2700 6000	4 5

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	355806.24N/0861648.92W	1319	2C
2	200	AAO	355806.24N/0861648.92W	1319	2C

REASON FOR NONSTANDARD HOLDING:

PAT 2 ATC REQUESTED

PAT 1 TO COINCIDE WITH PROCEDURE TURN AIRSPACE AND BNA APCH REQUEST.

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

ASSIGNED FACILITY MAG VAR: 2 DEGREES WEST (2000).

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	NDB RWY 18		2	KMBT	MURFREESBORO	TN (US)
IAP	ILS OR LOC/DME RWY 32 (ALT MISS)		1	KMQY	SMYRNA	TN (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 03/29/2018

REASON FOR REVISION:

1. ADDED NEW HOLDING PATTERN 2 WHICH MIRRORS PATTERN 1 WITH THE EXCEPTION OF RAD/CRS/BRG WHICH WAS CHANGED FROM 005.72 TO 005.76, AND COURSE INBOUND WHICH WAS CHANGED FROM 185.72 TO 185.76.
2. CHANGED HOLDING PATTERN 1 CONTROLLING OBSTRUCTION FROM 1280 MSL AAO TO 1319 MSL AAO AT 355806.24N/0861648.92W.
3. ADDED PATTERN 2 CONTROLLING OBSTRUCTION 1319 AAO AT 355806.24N/0861648.92W.
4. ADDED ASSIGNED FACILITY MAG VAR TO REMARKS.

INITIATED BY: DATE: ORGANIZATION: NAME:

DEVELOPED BY: DATE: OFFICE: NAME:

APPROVED BY: DATE: OFFICE: AJV-A420 NAME: MARLON ROBINSON

SIGNATURE: *Digitally signed by*  
**JASON KRETSCHMER**

DISTRIBUTION: NFDC  
FPO: EST  
ARTCC: ZME  
ATC FACILITY: BNA APP CON, MQY ATCT  
OTHER:

QUALITY  
35  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: WORDU

STATE: TN

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 360420.26N/0861838.12W

TYPE: DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	MRA	MAA
1	NASHVILLE	BNA	VORTAC	H	103.91	101.91	18.60	18.60	3000	6000

HOLDING:

HOLDING TYPE OF ACTION: ESTABLISH

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	BNA	VORTAC	103.91	283.91	R	1	3000 6000	5 6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	360012.00N/0861033.00W	1532	4E

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

REMARKS:

PRECIPITIOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 32	1	1	KMQY	SMYRNA	TN (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 07/14/2022

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: JANTZEN TAYLOR

APPROVED BY:

DATE: 07/14/2022

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

*Digitally signed by*  
**JASON KRETSCHMER**  
May 02, 2023

QUALITY  
35  
CHECKED