

RADIO FIX AND HOLDING DATA RECORD

NAME: EATON VORTAC **STATE:** MS **COUNTRY:** US **ICAO REGION CODE:** K7

LATITUDE/LONGITUDE: 312507.26N/0892015.37W **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	EATON	LBV	VORTAC	L						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	NW	LBV	VORTAC	331.00	151.00	R	1	2100 17500	4 20
2	S	LBV	VORTAC	176.00	356.00	L	1	2000 17500	4 16
3	SW	LBV	VORTAC	203.99	023.99	R	1	2500 6000	4 5

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (28-000129)	312712.61N/0891705.21W	758	4D
1	310	TOWER (28-000923)	312422.00N/0891414.00W	1049	5D
2	200	TOWER (28-001291)	311949.00N/0892508.00W	841	5D
3	200	TOWER (28-001291)	311949.00N/0892508.00W	841	5D

REASON FOR NONSTANDARD HOLDING:

PAT 2 ATC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	ILS OR LOC RWY 18	KPIB	HATTIESBURG/LAUREL	MS (US)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
MAGVAR: 1965/E05

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	EATON			KHBG	HATTIESBURG	MS (US)
EN ROUTE	V114					(US)
EN ROUTE	V222					(US)
EN ROUTE	V455					(US)
EN ROUTE	V543					(US)
IAP	RNAV (GPS) Y RWY 13			KHBG	HATTIESBURG	MS (US)
IAP	ILS OR LOC RWY 18		1	KPIB	HATTIESBURG/LAUREL	MS (US)
IAP	VOR-A		2	KPIB	HATTIESBURG/LAUREL	MS (US)
IAP	VOR-A		3	KLUL	LAUREL	MS (US)
STAR	TRSSH (RNAV)			KMSY	NEW ORLEANS	LA (US)
STAR	TRSSH (RNAV)			KNBG	NEW ORLEANS	LA (US)
STAR	TRSSH (RNAV)			KNEW	NEW ORLEANS	LA (US)
STAR	GILCO			KIAH	HOUSTON	TX (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 17 **DATE OF REVISION:** 10/05/2023

REASON FOR REVISION:

REMOVED STAR RYTHM FOR KMSY AND KNEW FROM FIX USE.
ADDED STAR TRSSH (RNAV) FOR KMSY, KNEW AND KNBG TO FIX USE.

INITIATED BY: **DATE:** **ORGANIZATION:** **NAME:**

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A432 **NAME:** SILVIA YOUNG

APPROVED BY: **DATE:** 10/05/2023 **OFFICE:** AJV-A432 **NAME:** CASIMIR TABAKA

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: MC COMB VORTAC **STATE:** MS **COUNTRY:** US **ICAO REGION CODE:** K7

LATITUDE/LONGITUDE: 311816.03N/0901529.53W **TYPE:**

AIRSPACE DOCKET: 22-ASO-16 **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	MC COMB	MCB	VORTAC	H						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 DME	HOLDING ALTITUDES MIN MAX	TEMPLATES MIN MAX
1	NE	MCB	VORTAC	052.36	232.36	R	1	2000 8000	4 8
2	NE	MCB	VORTAC	053.00	233.00	R	1	2000 8000	4 8
3	N		WP	357.36	177.36	R		12 10000 23000	20 20

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (28-020116)	311529.08N/0901416.33W	849	1A
2	200	TOWER (28-020116)	311529.08N/0901416.33W	849	1A
3	230	TOWER (28-020134)	312601.72N/0903445.36W	983	5D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
ASSIGNED FACILITY MAG VAR: W 01 / 2020.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	ALEXANDRIA			KLBX	ANGLETON/LAKE JACKSON	TX (US)
DP	ALEXANDRIA			KGLS	GALVESTON	TX (US)
DP	ALEXANDRIA			KAXH	HOUSTON	TX (US)
DP	ALEXANDRIA			KCXO	HOUSTON	TX (US)
DP	ALEXANDRIA			KDWH	HOUSTON	TX (US)
DP	ALEXANDRIA			KEFD	HOUSTON	TX (US)
DP	ALEXANDRIA			KHOU	HOUSTON	TX (US)
DP	ALEXANDRIA			KIAH	HOUSTON	TX (US)
DP	ALEXANDRIA			KIWS	HOUSTON	TX (US)
DP	ALEXANDRIA			KSGR	HOUSTON	TX (US)
DP	ALEXANDRIA			KTME	HOUSTON	TX (US)
DP	ALEXANDRIA			T41	LA PORTE	TX (US)
EN ROUTE	J22					(US)
EN ROUTE	J35					(US)
EN ROUTE	J50					(US)
EN ROUTE	V194					(US)
EN ROUTE	V212					(US)
EN ROUTE	V222					(US)
EN ROUTE	V555					(US)
EN ROUTE	V9					(US)
IAP	LOC RWY 18			KBXA	BOGALUSA	LA (US)
IAP	VOR/DME-A			KBXA	BOGALUSA	LA (US)
IAP	ILS OR LOC RWY 18			KHDC	HAMMOND	LA (US)
IAP	HI-ILS Y OR LOC Y RWY 14			KGPT	GULFPORT	MS (US)
IAP	HI-TACAN Y RWY 14			KGPT	GULFPORT	MS (US)
IAP	ILS OR LOC RWY 16L			KJAN	JACKSON	MS (US)
IAP	ILS OR LOC RWY 34L			KJAN	JACKSON	MS (US)
IAP	ILS RWY 16L (CAT II - III)			KJAN	JACKSON	MS (US)
IAP	ILS RWY 16L (SA CAT I)			KJAN	JACKSON	MS (US)
IAP	VOR RWY 17			KMBO	MADISON	MS (US)
IAP	ILS OR LOC RWY 16		1	KMCB	MC COMB	MS (US)
IAP	VOR/DME-A		2	KMCB	MC COMB	MS (US)
STAR	TRSSH (RNAV)		3	KMSY	NEW ORLEANS	LA (US)
STAR	TRSSH (RNAV)		3	KNBG	NEW ORLEANS	LA (US)
STAR	TRSSH (RNAV)		3	KNEW	NEW ORLEANS	LA (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: 18 **DATE OF REVISION:** 10/05/2023

REASON FOR REVISION:

AIRSPACE DOCKET: ADDED 22-ASO-16.

HOLDING: ADDED PAT 3 AND ASSOCIATED DATA.

REMARKS: CHANGED FROM ASSIGNED FACILITY MAG VAR: 3 DEGREES EAST TO ASSIGNED FACILITY MAG VAR: W 01 / 2020.

FIX USE: REMOVED V557 - NOT CHARTED. REMOVED V570. REMOVED KJAN JACKSON DP. REMOVED M43 RNAV (GPS) RWY 12 IAP.

REMOVED KMSY AND KNEW RYTHM STAR. ADDED TRSSH (RNAV) STAR AND HOLD PAT 3 AT KMSY, KNEW AND KNBG.

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
OFFICE OF PRIMARY RESPONSIBILITY:		AJV-A423	NAME: BARRY SMITH
APPROVED BY:	DATE: 10/05/2023	OFFICE: AJV-A423	NAME: ALLAN WILL
	SIGNATURE:		

RADIO FIX AND HOLDING DATA RECORD

NAME: NTCHZ

STATE: MS

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 313705.81N/0911758.18W

TYPE: WP

AIRSPACE DOCKET: 22-ASO-16

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	T471					(US)
EN ROUTE	T473					(US)
EN ROUTE	T474					(US)
STAR	TRSSH (RNAV)			KMSY	NEW ORLEANS	LA (US)
STAR	TRSSH (RNAV)			KNBG	NEW ORLEANS	LA (US)
STAR	TRSSH (RNAV)			KNEW	NEW ORLEANS	LA (US)

REQUIRED CHARTING: STAR, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 10/05/2023

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: BARRY SMITH

APPROVED BY:

DATE: 10/05/2023

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: RAYOP

STATE: LA

COUNTRY: US

ICAO REGION CODE: K4

LATITUDE/LONGITUDE: 301249.47N/0901041.91W

TYPE: WP, INT, DME

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	NEW ORLEANS	I-ONW	LOC/DME		016.48	015.48	12.91	14.40	123458	2000	4500
2	RESERVE	RQR	VOR/DME	L	068.40	070.40		22.64		2000	17500
3	MC COMB	MCB	VORTAC	H	173.36	176.36	65.42	65.42		3300	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
MCB	VORTAC	R-173	66	3300	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

NEW ORLEANS (FAC 1) AND RESERVE (FAC 2) USED TO ESTABLISH FIX COORDINATES.
I-ONW DME LOCATED AT 300021.66N/0901443.25W
MCB VORTAC MRA FMO RESTRICTED TO 3300 DUE POOR SIGNAL STRENGTH.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V543	2, 3				(US)
EN ROUTE	V9	2, 3				(US)
IAP	LOC RWY 20	1, 2		KMSY	NEW ORLEANS	LA (US)
IAP	RNAV (GPS) Y RWY 20			KMSY	NEW ORLEANS	LA (US)
IAP	RNAV (RNP) Z RWY 20			KMSY	NEW ORLEANS	LA (US)
STAR	TRSSH (RNAV)			KMSY	NEW ORLEANS	LA (US)
STAR	TRSSH (RNAV)			KNBG	NEW ORLEANS	LA (US)
STAR	TRSSH (RNAV)			KNEW	NEW ORLEANS	LA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 10/05/2023

REASON FOR REVISION:

REMOVED STAR RYTHM FOR KMSY AND KNEW FROM FIX USE.
ADDED STAR TRSSH (RNAV) FOR KMSY, KNEW AND KNBG TO FIX USE.
CHANGED FROM CONTROLLER TO CONTROLLER LOW IN REQUIRED CHARTING.
ADDED EN ROUTE HIGH AND CONTROLLER HIGH TO REQUIRED CHARTING.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: SILVIA YOUNG

APPROVED BY:

DATE: 10/05/2023

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE: