

RADIO FIX AND HOLDING DATA RECORD

NAME: ANTEX **STATE:** **COUNTRY:** RQ **ICAO REGION CODE:** TJ

LATITUDE/LONGITUDE: 182845.30N/0680000.00W **TYPE:** WP, 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	FAC FEET	MRA	MAA
1	MAYAGUEZ	MAZ	VOR/DME	L	295.50	285.50	50.24	50.24		4000	45000
2	BORINQUEN	BQN	VORTAC	H	278.88	268.88	50.86	50.86		1900	45000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
MAZ	VOR/DME	R-296	51	4000	45000
BQN	VORTAC	R-279	51	1900	17500

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

REMARKS:

FIX COORDINATES DETERMINED BY DIRECT LINE BETWEEN BQN VOR, CDO VOR, AND MDCS/TJZS FIR BOUNDARY.
 LEAST DIVERGENCE ANGLE: OCEANIC FIX, SEPARATION WILL BE APPLIED IN ACCORDANCE WITH ATP 7110.9 AND ICAO STANDARDS.
 ORIGINAL APPROVED BY ICAO.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	B520	1, 2				(RQ)
EN ROUTE	B892	1, 2				(RQ)
EN ROUTE	L577					(RQ)
IAP	RNAV (GPS) RWY 8			TJBQ	AGUADILLA, PUERTO RICO	(RQ)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4 **DATE OF REVISION:** 05/21/2020

REASON FOR REVISION:

1. UPDATED FIX USE: CHANGED GPS RWY 8 TO RNAV (GPS) RWY 8.
2. ADDED CONTROLLER HIGH/LOW TO REQUIRED CHARTING.
3. UPDATED DISTRIBUTION

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

OFFICE OF PRIMARY RESPONSIBILITY: AJV-5421 **NAME:** ANDRE MARSH

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

SIGNATURE:

DISTRIBUTION: NFDC
FPO: EST
ARTCC: ZSU
ATC FACILITY:
OTHER:



RADIO FIX AND HOLDING DATA RECORD

NAME: DROUN **STATE:** **COUNTRY:** RQ **ICAO REGION CODE:** TJ

LATITUDE/LONGITUDE: 182134.63N/0671710.28W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

REMARKS:
MAG VAR: WAYPOINT 10W.

FIX USE:	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
USE TYPE						
IAP	RNAV (GPS) RWY 8			TJBQ	AGUADILLA, PUERTO RICO	(RQ)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 05/21/2020

REASON FOR REVISION:
DELETED FAC1.
UPDATE FIX USE TO CORRECT FORMAT.

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

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A421 **NAME:** ANDRE MARSH

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

SIGNATURE:

DISTRIBUTION: NFDC
FPO: EST
ARTCC: ZSU
ATC FACILITY:
OTHER:



RADIO FIX AND HOLDING DATA RECORD

NAME: IDAHO **STATE:** **COUNTRY:** RQ **ICAO REGION CODE:** TJ

LATITUDE/LONGITUDE: 191537.88N/0673822.39W **TYPE:** WP, RADAR, 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	SAN JUAN	SJU	VORTAC	H	308.66	297.66	105.75			15000	45000
2	BORINQUEN	BQN	VORTAC	H	336.53	326.53	54.69			2500	45000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
SJU	VORTAC	R-309	106	15000	18100

FIX RESTRICTIONS:

MRA SJU 15000

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	NW	SJU	VORTAC	308.66	128.66	R	1 1/2	15000 45000	17 31

CONTROLLING OBSTRUCTIONS:

PAT	AIR SPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	265	SHIP	191936.39N/0675224.89W	280	2C

REMARKS:

SJU OCEANIC/DOMESTIC FIR BOUNDARY.
 FIX COORDINATES DETERMINED BY 100NM ARCH FROM ISLA GRANDE AIRPORT ARP; DDP NDB AND GT NDB.
 HOLDING LIMITED TO ESTABLISHED PATTERN.
 CHART DMES FROM FAC 1 AND FAC 2.
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	SJU RTE 4, RTE 6 AND A555.				PUERTO RICO	(RQ)
IAP	RNAV (GPS) RWY 8			TJBQ	AGUADILLA, PUERTO RICO	(RQ)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 9 **DATE OF REVISION:** 05/21/2020

REASON FOR REVISION:

ADDED WAYPOINT (WP) TO FIX TYPE.
 HOLDING PATTERN UPDATED LEG TIME FROM 1-1 1/2 TO 1 1/2.
 ADDED ESV FOR SJU VORTAC R-309, DIST 108, MIN/MAX ALT 150/181.
 ADDED REMARK PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 UPDATED FIX USE WITH CORRECT FROMAT.
 UPDATED REQ CHARTING: ADDED CONTROLLER LOW/HIGH AND ENROUTE HIGH AND DELETED CONTROLLER.
 CHANGED HOLDING PATTERN CONTROLLING OBSTACLE COORDINATES FROM 000000.00N/0000000.00W TO 191936.39N/0675224.89W.
 UPDATED DISTRIBUTION.

INITIATED BY: **DATE:** **ORGANIZATION:** **NAME:**
OFFICE OF PRIMARY RESPONSIBILITY: AJV-A421 **NAME:** ANDRE MARSH
APPROVED BY: **DATE:** **OFFICE:** AJV-A420 **NAME:** MARLON ROBINSON
SIGNATURE:

DISTRIBUTION: NFDC
 FPO: EST
 ARTCC: ZSU
 ATC FACILITY:
 OTHER: NIMA



RADIO FIX AND HOLDING DATA RECORD

NAME: JUNTA **STATE:** **COUNTRY:** RQ **ICAO REGION CODE:** TJ

LATITUDE/LONGITUDE: 182319.43N/0672847.04W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

REMARKS:
MAG VAR: WAYPOINT 10W.

FIX USE:	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
USE TYPE						
IAP	RNAV (GPS) RWY 8			TJBQ	AGUADILLA, PUERTO RICO	(RQ)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 05/21/2020

REASON FOR REVISION:
DELETED FAC1 FACILITY
UPDATED FIX USE FORMATING.
UPDATED DISTIRBUTION.

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
OFFICE OF PRIMARY RESPONSIBILITY:		AJV-A421	NAME: ANDRE MARSH
APPROVED BY:	DATE:	OFFICE: AJV-A420	NAME: MARLON ROBINSON

SIGNATURE:

DISTRIBUTION: NFDC
FPO: EST
ARTCC: ZSU
ATC FACILITY:
OTHER:



RADIO FIX AND HOLDING DATA RECORD

NAME: ODEZZ STATE: COUNTRY: RQ ICAO REGION CODE: TJ

LATITUDE/LONGITUDE: 182621.64N/0671845.56W TYPE: WP

AIRSPACE DOCKET: FIX TYPE OF ACTION: MODIFY

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 MIN	ALTITUDES MAX	TEMPLATES MIN	MAX
1	W		WP	262.38	082.38	L	4	2500	10000	5	10

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	182319.00N/0672847.00W	915	6A

REASON FOR NONSTANDARD HOLDING:

PAT 1 OBSTACLES

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE (RQ)
IAP	RNAV (GPS) RWY 8			TJBQ	AGUADILLA, PUERTO RICO	

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2 DATE OF REVISION: 05/21/2020

REASON FOR REVISION:

DELETED FAC1 FACILITY
ADDED REMARK PRECIPITOUS TERRAIN EVALUATION COMPLETED.
UPDATED FIX USE FORMATING.
CHANGED HOLDING TEMPLATES MIN/MAX FROM 4/7 TO 5/10.
UPDATED DISTIRBUTION.

INITIATED BY: DATE: ORGANIZATION: NAME:

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A421 NAME: ANDRE MARSH

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

SIGNATURE:

DISTRIBUTION: NFDC
FPO: EST
ARTCC: ZSU
ATC FACILITY:
OTHER:



RADIO FIX AND HOLDING DATA RECORD

NAME: TCAMS **STATE:** **COUNTRY:** RQ **ICAO REGION CODE:** TJ

LATITUDE/LONGITUDE: 182753.14N/0671343.86W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

REMARKS:
NAME CHANGED FROM INNES TO TCAMS.

FIX USE:	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
USE TYPE						
IAP	RNAV (GPS) RWY 8			TJBQ	AGUADILLA, PUERTO RICO	(RQ)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2 **DATE OF REVISION:** 05/21/2020

REASON FOR REVISION:
1. CHANGED FIX NAME FROM INNES TO TCAMS - APPROVED HONORARY FIX NAME.
2. UPDATED FIX USE: APPLY NEW FORMAT.
3. UPDATED DISTRIBUTION.
4. DELETED FAC1 DATA.

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
OFFICE OF PRIMARY RESPONSIBILITY:		AJV-A421	NAME: ANDRE MARSH
APPROVED BY:	DATE:	OFFICE: AJV-A420	NAME: MARLON ROBINSON

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: EST
ARTCC: ZSU
ATC FACILITY: AGUADILLA TOWER
OTHER:

