Flight Procedure Tracking Form

Action: AMENDMENT	**Task Type:** IAP	**Date Open:** 08/23/2012	**Task #:** 2012082323874901001	**Request #:** 20120823238749	
Procedure: VOR/DME RWY 33 AMDT 1A	**Airport ID:** KORH	**Airport:** WORCESTER RGNL		**Reimbursable #:**	
City: WORCESTER	**ST:** MA	**GPS #:**	**Estimated Chart Date:** 10/18/2012	**FICO #:**	
Fac ID: GDM	**Fac. Type:** VDME	**Specialist:** MARLON ROBINSON			

Procedure Review

	Rec'd	Rel'd	Full Name	Comments
Lead:				
QA:				
Liaison:				

Remark Type: INFORMATION

Procedure Comments:

NON-ENROUTE
ATTACHED FORMS: 8260-5, 9, AND 10
8260-2(S): SQUEL, REV 1, MA
MAPS
CONTACT: DON SMITH AJV-352 LEAD, 405.954.1036

AUG 29 2012

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR/DME STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
GDM VOR/DME	LAWRN/GDM 23.00 DME	167.26 / 23.00	3000
PUT VOR/DME (IAF)	SQUEL/GDM 29.00 DME (NOPT)	034.17 / 10.12	3000
SQUEL/GDM 29.00 DME (IF)	LAWRN/GDM 23.00 DME	347.26 / 6.00 (GDM R-167)	2500

MISSED APPROACH

MAP: GDM 19.01 DME FIX

CLIMBING LEFT TURN TO 3000 ON HEADING 240 AND GDM VOR/DME R-191 TO GRAYM INT/GDM 26.70 DME AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD N, RT, 191.44 INBOUND.
CHART FAS OBST: 1210 TOWER 421327N/0715252W
LAWRN TO RW33: 3.45/40.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD S LAWRN, LT, 347.26 INBOUND, 2700 FT. IN LIEU OF PT (IAF)
3. FAC 347.26 FAF LAWRN/GDM 23.00 DME DIST FAF TO MAP ____ THLD 3.99
4. MIN. ALT LAWRN 2500
8. MSA FROM: GDM VOR/DME 330-060 4400, 060-330 3300

MAG VAR: 14W EPOCH YEAR: 1970

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A

STANDARD @

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-33	1520	1	522	1520	1	522	1520	1 1/2	522	1520	1 1/2	522			
CIRCLING	1560	1	551	1640	1	631	1720	2	711	1980	3	971			

NOTES:

CHART NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 33 PROCEDURE NA AT NIGHT.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BEDFORD ALTIMETER SETTING AND INCREASE (SEE FORM 8260-10)

@ CAT D 1000-3
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 1009 THRE: 998	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
WORCESTER, MA	AIRPORT NAME: WORCESTER RGNL	GDM	VOR/DME RWY 33, AMDT 1A	AMDT 1
				DATE 08/23/2012

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
[ ] YES [X] NO		ROUTINE

COORDINATED WITH:

ATA	AAT	ALPA	APA	AOPA	NBAA	OTHER (specify)
[X]	[ ]	[X]	[X]	[X]	[X]	[X] ZBW, BDL ATCT, ORH ATCT, AIRPORT MANAGER.

FLIGHT CHECKED BY		
NAME: MARTHA BURGOON PARISH	FIFO FIOG	DATE: 03/21/2012
DEVELOPED BY		
NAME: MARLON J. ROBINSON	FIFO AJV-352	DATE: 08/29/2012
APPROVED BY		
NAME: DARRYEL ADAMS MANAGER	FIFO AJV-352	DATE:

CHANGES:

1. CHANGED NAME FROM WUTUG BACK TO SQUEL.

REASONS:

1. PER TATC.

QUALITY CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR/DME STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - - TITLE 14 CFR PART 97.23

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES, (CONT.):
ALL MDA 200 FEET; INCREASE S-33 CAT C/D VISIBILITY 1/2 MILE AND CIRCLING CAT C VISIBILITY 3/4 MILE.

CITY AND STATE	ELEVATION: 1009 THRE: 998	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
WORCESTER, MA	AIRPORT NAME: WORCESTER RGNL	GDM	VOR/DME RWY 33, AMDT 1A	AMDT: 1
				DATED: 08/23/2012

ALL AFFECTED PROCEDURES REVIEWED? ☐ YES ☐ NO	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE

COORDINATED WITH:

☐ ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	FIFO	DATE:
APPROVED BY		
NAME:	FIFO	DATE:

CHANGES:

REASONS:

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT	FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.
FEEDER	GDM VOR/DME	LAWRN/GDM 23.00	1. TOWER (25-000633)	422432.10N/0715703.90W	1859 (2C)	1000	AT141	3000
		DME	2. TERRAIN	421812.00N/0715351.00W	1398 (1400)		AS1500	2900
INITIAL	PUT VOR/DME	SQUEL/GDM 29.00	3. TOWER (25-000622)	420313.00N/0714904.00W	1549 (5D)	1000	AT451	3000
		DME	4. TERRAIN	420254.00N/0714851.00W	896 (900)		AS1500	2400
INTERMEDIATE	SQUEL/GDM 29.00	LAWRN/GDM 23.00	5. AAO	420612.00N/0714851.00W	1080 (4E)	500	AT822 AC98	2500
	DME	DME	6. TERRAIN	420612.00N/0714851.00W	880 (900)		AS1500	2400
FINAL	LAWRN/GDM 23.00	GDM 19.01 DME	7. TOWER (25-000163)	421327.00N/0715252.00W	1210 (5D)	250	AC50	1520
	DME	FIX						
2. HOLD-IN-LIEU-OF-PT	LAWRN	P-6	3. TOWER (25-000622)	420313.00N/0714904.00W	1549 (5D)	1000		2600
			8. TERRAIN	421630.00N/0715448.00W	1155 (1200)		AS1500	2700
3. MISSED APPROACH — MAP:	GDM 19.01 DME	GRAYM INT/GDM				ASC		3000
	FIX	26.70 DME	9. TWR (KORHT1745)	421833.99N/0715411.29W	1681 (1A)	1000		2700
ELEV:	1270		10. TERRAIN	421812.00N/0715351.00W	1398 (1400)		AS1500	2900
			11. TREE (KORHT1042)	421709.35N/0715418.21W	1247 (1A)	300		1560
			12. TREE (KORHT1173)	421735.87N/0715351.96W	1270 (1A)	300	XP70	1640
			13. POLE (25-021974)	421748.58N/0715350.74W	1402 (1B)	300		1720
			14. TWR (KORHT1751)	421818.77N/0715349.32W	1667 (1A)	300		1980

4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT. REQUIRED	HT. ABV. ARPT. ACTUAL
CATEGORY A	1.3 NM	350	551
CATEGORY B	1.5 NM	450	631
CATEGORY C	1.7 NM	450	711
CATEGORY D	2.3 NM	550	971
CATEGORY E	4.5 NM	550	

5. MINIMUM SAFE ALTITUDES — PRIMARY NAVAID: GDM VOR/DME

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A
330-060	AAO	007/ 19.0	3369 (6C)	4400					
060-330	AAO	128/ 08.3	2215 (4E)	3300					

CITY AND STATE	ELEVATION: 1009 AIRPORT NAME:	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
WORCESTER, MA	WORCESTER RGNL	GDM	VOR/DME RWY 33, AMDT 1A	ANE

FAA Form 8260 - 9 / April 2006 (Computer Generated)

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE			3. ALTIMETER SETTING
BDL APP CON ORH TOWER		N W S	OTHER: ASOS	SOURCE: KORH / KBED
		F A A		DISTANCE: 0 / 28.79
SATISFACTORY ON:		A / C		HOURS REMOTE OPERATION: 24 / 24
X V H F X U H F H F	LOCATION: KORH			ADJUSTMENT: 0 / 0

4. MONITOR STATUS		
PRIMARY NAVAID:	GDM VOR/DME	
MONITOR POINT:	AOCC	
HRS OPTN:	CAT 1	24
	CAT 3	

5. APPROACH & RUNWAY LIGHTING	
	ALS
	(S) SALS
X	MALSR 11 (PCL)
X	HIRL 11 (PCL), 29 (PCL)
X	MIRL 33 (PCL), 15 (PCL)
X	REIL 33, 15, 29 (PCL)
X	TDZ 11 (PCL)
X	C/L 11 (PCL), 29 (PCL)
X	OTHER (SPECIFY) PAPI-4L 33, 15, 29

6. RUNWAY MARKINGS	BASIC	BSC-F 15
	ALL WEATHER	PIR-F 11, 29
	INSTRUMENT	NPI-F 33
7. RUNWAY VISUAL RANGE	APPROACH	11, 29
	MIDFIELD	
	ROLL OUT	11, 29

8. GLIDE PATH		
GP ANGLE:	ELEV RWY THRESHOLD:	
DISTANCE FROM RWY:	ELEV GP ANTENNA:	
	THRESHOLD CROSSING HEIGHT:	40.0

9. FINAL APPROACH COURSE AIMING			
	X	RUNWAY THRESHOLD	FT. FROM THRESHOLD
	X	ON CENTERLINE	FT. FROM CENTERLINE

10. WAIVERS: **NONE**

PART D - PREPARED BY:	DATE:
MARLON J. ROBINSON	08/29/2012
TITLE: AERONAUTICAL INFORMATION SPECIALIST	OFFICE: AJV-352

PART C - REMARKS:

VDP NOT ESTABLISHED - OBSTACLES PENETRATE VISUAL SURFACES.

PARA 251, 20:1 PENETRATION.

PARA 251, 34:1 PENETRATION.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

VGSI DATA: 3.00/40

KORH AND KBED ARE ON SERVICE A

RASS PRESSURE PATTERNS SAME
KORH 1009.0, KBED 132.6
RA = 188.9.
SEE ATTACHED AIRSPACE LETTER.

80' VEGETATION UITILIZED PER PREVIOUS PROCEDURE

FPT NOTIFIED OF 20:1 PENETRATIONS.

TERPS, VOLUME 1 "VISUAL PORTION OF FINAL" PENETRATIONS:

20:1
R33 1030 TREE (KORHT0670) 421541.40N-0715200.48W (31.21)
R33 1009 TREE (KORHT0669) 421540.93N-0715159.79W (6.71)

R33 1018 TREE (KORHT0666) 421539.86N-0715159.06W (9.86)

XP: TO RETAIN CURRENT MINIMA

RADIO FIX AND HOLDING DATA RECORD

NAME: SQUEL **STATE:** MA **COUNTRY:** US

LATITUDE/LONGITUDE: 420649.59N/0714557.58W **TYPE:** 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	DIST FROM FAC FEET	MRA	MAA
1	GARDNER	GDM	VOR/DME	L	167.26	153.26	29.00	29.00		3000	17500
2	PUTNAM	PUT	VOR/DME	H	034.17	020.17		10.12		3000	17500

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

REMARKS:
GARDNER VOR/DME (FAC 1) AND PUTNAM VOR/DME (FAC 2) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	VOR/DME RWY 33	1, 2		KORH	WORCESTER	MA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 10/18/2012

REASON FOR REVISION:
CHANGED NAME FROM WUTUG TO SQUEL.

DEVELOPED BY: **DATE:** 08/29/2012 **OFFICE:** AJV-352 **NAME:** MARLON ROBINSON

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: EST
ARTCC: ZBW
ATC FACILITY: BDL ATCT
OTHER: