

**FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
STANDARD TERMINAL ARRIVAL (STAR)**

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL. Altitudes are minimum altitudes unless otherwise indicated.  
Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

<u>Arrival Name</u>	<u>Number</u>	<u>STAR Computer Code</u>	<u>Superseded Number</u>	<u>Dated</u>	<u>Effective Date</u>
<b>DREEM (RNAV)</b>	<b>TWO</b>	<b>DREEM.DREEM2</b>	<b>ONE</b>	<b>12/15/2011</b>	<b>07 DEC 2017</b>

**TRANSITION ROUTES:**

Transition Name	Transition Computer Code	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitude/Fixes
HARTFORD	HFD.DREEM2	HFD VOR/DME	HFD VOR/DME						
			DVANY	055.50	17.22	9000			
			GRAYM	056.23	18.78	6000			
			GASSE	055.05	12.49	4000			
			DREEM	055.99	07.76	4000			
NORWICH	ORW.DREEM2	ORW VOR/DME	ORW VOR/DME						
			MOGUL	013.48	10.00	9000			
			BLATT	013.48	06.24	7000			
			GRAYM	013.47	16.46	6000			
			GASSE	055.05	12.49	4000			
			DREEM	055.99	07.76	4000			
WIPOR	WIPOR.DREEM2	WIPOR	WIPOR						
			PAISN	029.71	11.31	9000			
			GRAYM	029.73	16.15	6000			

QUALITY  
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<b>DREEM (RNAV)</b>	<b>TWO</b>	<b>DREEM.DREEM2</b>	<b>ONE</b>	<b>12/15/2011</b>	<b>07 DEC 2017</b>

GASSE	055.05	12.49	4000
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DREEM	055.99	07.76	4000
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**ARRIVAL ROUTE DESCRIPTION:**

LANDING BVY ALL RWYS, BED RWY 23 & 29: FROM DREEM ON TRACK 062.44/5.00 NM TO WANLA (MEA 3000), THEN ON TRACK 062.50/6.60 NM TO ZELKA (MEA 3000), THEN ON TRACK 076.44/6.87 NM TO RIKAH (MEA 3000), THEN ON TRACK 097.09/10.12 NM TO EXXRO (MEA 2000), THEN ON TRACK 097.09. EXPECT RADAR VECTORS TO DESTINATION AIRPORT AND FINAL APPROACH COURSE.

LANDING BED RWY 11: FROM DREEM ON TRACK 062.44/5.00 NM TO WANLA (MEA 3000), THEN ON TRACK 062.50/6.60 NM TO ZELKA (MEA 3000). EXPECT ILS APPROACH.

LANDING LWM ALL RWYS: FROM DREEM ON TRACK 062.44/5.00 NM TO WANLA (MEA 3000), THEN ON TRACK 062.50/6.60 NM TO ZELKA (MEA 3000), THEN ON TRACK 076.44/6.87 NM TO RIKAH (MEA 3000), THEN ON TRACK 076.44, EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

**PROCEDURAL DATA NOTES:**

CHART NOTE: RADAR REQUIRED. CHART NOTE: RNAV 1.

CHART NOTE: DME/DME/IRU OR GPS REQUIRED.

CHART NOTE AT WANLA: LANDING KBED RWY 11 FOR RNAV APPROACH EXPECT CLEARANCE FROM WANLA (IAF).

CHART NOTE: WIPOR TRANSITION ATC ASSIGNED

CHART NOTE: EXPECT TO CROSS BLATT AT 11000; CHART NOTE: EXPECT TO CROSS DVANY AT 11000

CHART NOTE: EXPECT TO CROSS PAISN AT 11000; CHART NOTE: EXPECT TO CROSS GASSE AT 5000

**FIXES AND/OR HOLDING PATTERNS:**

CHART HOLDING AT DREEM (HOLD SW, LT. 053.00 INBOUND, 10 NM LEGS).

**COMMUNICATIONS:**

BOS APP CON, BRADLEY APP CON, BED ATIS, BVY ATIS, LWM ATIS

**AIRPORTS SERVED:**

AIRPORT NAME	CITY	STATE
LAURENCE G HANSCOM FLD (KBED)	BEDFORD	MA
BEVERLY RGNL (KBVY)	BEVERLY	MA
LAWRENCE MUNI (KLWM)	LAWRENCE	MA



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DREEM (RNAV)	TWO	DREEM.DREEM2	ONE	12/15/2011	07 DEC 2017

**LOST COMMUNICATIONS PREFERENCES:**

**REMARKS:**

ATC MINIMUM OPERATIONAL ALTITUDES SELECTED AS MEA BASED ON DME/DME AVAILABILITY.  
ENVIRONMENTAL IAW FAAO 1050.1E ON FILE AT ATC FACILITY.  
THIS AMENDMENT DOES NOT QUALIFY AS A PERIODIC REVIEW.

**ADDITIONAL FLIGHT DATA:**

REFERENCE MAGNETIC VARIATION= KBED 16W/1995.  
DME/DME ASSESSMENT: SAT (RNP 2.0).

**FLIGHT INSPECTED BY:**

FLIGHT INSPECTION NOT REQUIRED, ROBERT STUCKERT, MANAGER

**ORGANIZATION:**

AJW-331

**DATE:**

Flight Inspected Signature:

*Digitally signed by*

**ALLAN WILL**

Sep 26, 2017  
*Digitally signed by*

**ALLAN WILL**

Sep 26, 2017  
*Digitally signed by*

**ALLAN WILL**

Sep 26, 2017

**DEVELOPED BY:**

AJ FIELDS

AJV-5412

8/1/2017

Developed By Signature:

**APPROVED BY:**

GEORGE DAVIS

AJV-5410

Approved By Signature:

**CHANGES:**

- AIRPORTS SERVED: CHANGED BEVERLY MUNI TO BEVERLY RGNL
- REMOVED "LANDING KBED RWY11...EXPECT RNAV APPROACH" FROM ARRIVAL ROUTE DESCRIPTION
- ADDED: CHART NOTE AT WANLA: LANDING KBED RWY 11 FOR RNAV APPROACH EXPECT CLEARANCE FROM WANLA (IAF).

**REASONS:**

- AIRPORT NAME CHANGED
- 2, 3. TWO SETS OF INSTRUCTIONS PRESENT FOR LANDING KBED RWY 11 BUT ONLY 1 CAN BE CODED.

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STAR (DATA RECORD)**

Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
DREEM (RNAV)	TWO	DREEM.DREEM2	ONE	12/15/2011	07 DEC 2017

FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
EN ROUTE TRANSITION									
HFD VOR/DME	413827.98N/0723250.70W	Y		IF					HFD.DREEM2
DVANY	415144.56N/0721811.25W	Y	FB	TF	039.50	17.22			
GRAYM	420604.27N/0720153.49W	Y	FB	TF	040.23	18.78			
GASSE	421546.19N/0715117.51W	Y	FB	TF	039.05	12.49			
DREEM	422142.65N/0714434.13W	Y	FB	TF	039.99	07.76			
EN ROUTE TRANSITION									
ORW VOR/DME	413323.05N/0715957.67W	Y		IF					ORW.DREEM2
MOGUL	414322.76N/0720032.87W	Y	FB	TF	357.48	10.00			
BLATT	414937.10N/0720054.94W	Y	FB	TF	357.48	06.24			
GRAYM	420604.27N/0720153.49W	Y	FB	TF	357.47	16.46			
GASSE	421546.19N/0715117.51W	Y	FB	TF	039.05	12.49			
DREEM	422142.65N/0714434.13W	Y	FB	TF	039.99	07.76			
ENROUTE TRANSITION									

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FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
WIPOR	413923.07N/0721037.67W	Y		IF					WIPOR.DREEM2
PAISN	415022.56N/0720702.55W	Y	FB	TF	013.71	11.31			
GRAYM	420604.27N/0720153.49W	Y	FB	TF	013.73	16.15			
GASSE	421546.19N/0715117.51W	Y	FB	TF	039.05	12.49			
DREEM	422142.65N/0714434.13W	Y	FB	TF	039.99	07.76			
RUNWAY TRANSITION									
DREEM	422142.65N/0714434.13W	Y		IF					
WANLA	422509.39N/0713940.53W	Y	FB	TF	046.44	05.00			
ZELKA	422941.90N/0713312.27W	Y	FB	TF	46.50	06.60			
RIKAH	423305.03N/0712507.23W	Y	FB	TF	060.44	06.87			
EXXRO	423438.27N/0711135.48W	Y	FO	TF	081.09	10.12			
BVY ALL RWYS BED RWY 23 & 29				FM	081.09	05.00			RECOMMENDED NAVAID: BOS VOR/DME

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RUNWAY TRANSITION									
DREEM	422142.65N/0714434.13W	Y		IF					
WANLA	422509.39N/0713940.53W	Y	FB	TF	046.44	05.00			
ZELKA	422941.90N/0713312.27W	Y	FB	TF	46.50	06.60			
BED RWY 11									
RUNWAY TRANSITION									
DREEM	422142.65N/0714434.13W	Y		IF					
WANLA	422509.39N/0713940.53W	Y	FB	TF	046.44	05.00			
ZELKA	422941.90N/0713312.27W	Y	FB	TF	46.50	06.60			
RIKAH	423305.03N/0712507.23W	Y	FO	TF	060.44	06.87			
LWM ALL RWYS				FM	060.44	05.00			RECOMMENDED NAVAID: BOS VOR/DME

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