

**U.S. DEPARTMENT of TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION**  
**GRAPHIC DEPARTURE PROCEDURE (DP)**

Bearings, headings, courses, tracks, and radials are magnetic. Elevation 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. Graphic depictions attached.

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
LILLI	FOUR	LILLI4.LILLI	THREE	09/25/2008	21 JUL 2016

**TYPE:**     SID

**DP ROUTE DESCRIPTION:**

RWY 5: CLIMB HEADING 046.35 TO INTERCEPT JST R-048. THENCE....  
RWY 15: TURN LEFT HEADING 015 TO INTERCEPT JST R-048. THENCE....  
RWY 23: TURN RIGHT HEADING 070 TO INTERCEPT JST R-048. THENCE....  
RWY 33: TURN RIGHT HEADING 090 TO INTERCEPT JST R-048. THENCE....  
...VIA JST R-048 TO CROSS LILLI INT AT OR ABOVE 5000 THENCE VIA (ASSIGNED ROUTE).

**TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):**

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	Crossing Altitudes/Fixes

**PROCEDURAL DATA NOTES/TAKEOFF MINIMUMS:**

NOTE: DURING VFR CONDITIONS WATCH FOR OPPOSING TRAFFIC ON JST R-048.  
TAKEOFF MINIMUMS: RWY 5, 15, 23, 33 STANDARD WITH MINIMUM ATC CLIMB OF 235' PER NM TO 5000.

**TAKEOFF OBSTACLES NOTES:**

NOTE: RWY 5, TREES BEGINNING 326' FROM DER, 342' RIGHT OF CENTERLINE, UP TO 100' AGL/2358' MSL. TREES BEGINNING 887' FROM DER, 384' LEFT OF CENTERLINE, UP TO 100' AGL/2341' MSL.  
NOTE: RWY 23, TREES BEGINNING 215' FROM DER, 227' RIGHT OF CENTERLINE, UP TO 100' AGL/2339' MSL. TREES BEGINNING 431' FROM DER, 250' LEFT OF CENTERLINE, UP TO 100' AGL/2379' MSL.  
NOTE: RWY 33, TREES BEGINNING 359' FROM DER, 318' RIGHT OF CENTERLINE, UP TO 100' AGL/2409' MSL.

**CONTROLLING OBSTACLES:**

**LOST COMMUNICATIONS PROCEDURES:**

**ADDITIONAL FLIGHT DATA:**

CHART: TOP ALTITUDE: ASSIGNED BY ATC.



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**AIRPORTS SERVED:**

JOHN MURTHA JOHNSTOWN-CAMBRIA CO

JOHNSTOWN, PA

**COMMUNICATIONS:**

ATIS, GND CON, TWR, CLEVELAND CENTER

**FIXES AND/OR NAVAIDS:**

REC VOR/DME

**REMARKS:****CHANGES:**

ADDED CHART: TOP ALTITUDE: ASSIGNED BY ATC.

**REASONS:**

ATC REQUEST.



## DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
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ARINC SUMMARY - KJST

## ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
RW05	010		CA	FB		046.0						AA 02684		
RW05	020		VI	FB		046.4								
RW05	030	LILLI	CF	FB		048.0	JST					AA 05000		EE
RW15	010		CA	FB		151.0						AA 02684		
RW15	020		VI	FB		015.0			L					
RW15	030	LILLI	CF	FB		048.0	JST					AA 05000		EE
RW23	010		CA	FB		226.0						AA 02684		
RW23	020		VI	FB		070.0			R					
RW23	030	LILLI	CF	FB		048.0	JST					AA 05000		EE
RW33	010		CA	FB		331.0						AA 02684		
RW33	020		VI	FB		090.0			R					
RW33	030	LILLI	CF	FB		048.0	JST					AA 05000		EE

## POINTS

POINT NAME	LATITUDE	LONGITUDE
JST	N401900.20	W0785003.00
LILLI	N402752.14	W0783927.39

## RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION
RW05	N401837.43	W0785021.64	02270
RW15	N401925.17	W0785031.94	02270
RW23	N401910.95	W0784945.73	02279
RW33	N401829.09	W0784938.99	02260

QUALITY  
15  
CHECKED