Flight Procedure Tracking Form	Action: AMENDMENT	Task Type: SID	Date Open: 08/02/2012	Task #: 2012022726470802005	Request #: 20120227264708
Procedure: SID TEERX TWO BOZEMAN MT KBZN		Airport ID: KBZN	Airport: BOZEMAN YELLOWSTONE INTL		Reimbursable #:
City: BOZEMAN	ST: MT	GPS #:		Estimated Chart Date: 11/15/2012	FICO #:
Fac ID:	Fac. Type:	Specialist: BRYAN BLUE			

Procedure Review

	Rec'd	Rel'd	Full Name	Comments
Lead:				
QA:				8/13/12 nno sent 8/15/12
Liaison:				

Procedure Comments: non-enroute

Remark Type: INFORMATION

ATTACHED FORMS: 8260-15B

CONTACT: ADOLFO URRUTIA/LONNIE EVERHART, AJV-354 LEADS, 405.954.2079/4576.

Coding ✓

AUG 23 2012 NB

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 statue miles or feet RVR unless otherwise indicated. Graphic depictions attached.

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
TEERX	TWO	TEERX2.TEERX	ONE	30-JUNE-11	

TYPE: RNAV SID

DP ROUTE DESCRIPTION:

TAKEOFF RWY 12: CLIMB HEADING 122.76 TO 4980, THEN CLIMBING RIGHT TURN DIRECT GALTN, THEN ON TRACK 266.32 TO CROSS RANCR AT OR ABOVE 8000, THEN ON TRACK 266.15 TO TEERX. THENCE...

TAKEOFF RWY 30: CLIMB HEADING 302.77 TO INTERCEPT COURSE 231.09 TO CROSS RANCR AT OR ABOVE 8000, THEN ON TRACK 266.15 TO TEERX. THENCE...

....(TRANSITION) MAINTAIN ASSIGNED ALTITUDE, EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	Crossing Altitudes/Fixes
DUBOIS	TEERX2.DBS	TEERX	PORKY	TRACK 180.69	11.78	15000	8700	CROSS PORKY AT/ABOVE 15000
		PORKY	DBS VORTAC	TRACK 180.64	90.57	15000		
WHITEHALL	TEERX2.HIA	TEERX	HIA VOR/DME	TRACK 274.62	22.88	9600		

PROCEDURAL DATA NOTES/TAKEOFF MINIMUMS:

TAKEOFF MINIMUMS:
RWY 3, 21: NA – ATC.
RWY 12, STANDARD WITH MINIMUM CLIMB OF 290 FT PER NM TO 15000, ATC CLIMB OF 500 FT PER NM TO 4980.
RWY 30, STANDARD WITH MINIMUM CLIMB OF 315 FT PER NM TO 15000, ATC CLIMB OF 500 FT PER NM TO 4980.

NOTE: RNAV-1
NOTE: GPS REQUIRED

TAKEOFF OBSTACLES NOTES:

NOTE: RWY 30, POLE 641 FT FROM DER, 622 FT LEFT OF CENTERLINE, 35 FT AGL/4452 FT MSL.

CONTROLLING OBSTACLES:

LOST COMMUNICATIONS PROCEDURES:

GRAPHIC DEPARTURE PROCEDURE (DP)

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DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
TEERX	TWO	TEERX2.TEERX	ONE	30-JUNE-11	

ADDITIONAL FLIGHT DATA:

DME/DME ASSESSMENT: NOT CONDUCTED
REFERENCE MAG VAR: KBZN 13E EPOCH YR: 2010

AIRPORTS SERVED:

BOZEMAN YELLOWSTONE INTL — BOZEMAN, MT

COMMUNICATIONS:

SALT LAKE CITY CENTER APP/DEP CON, BOZEMAN RCO, BOZEMAN TOWER, GND CON, ATIS

FIXES AND/OR NAVAIDS:

REMARKS:

CLIMB GRADIENTS ARE REQUIRED TO REACH PORKY AT/ABOVE 15000 – UNCONTROLLED AIRSPACE AT 14500 BEGINS JUST BEYOND PORKY TOWARD DUBOIS. 14800 COULD HAVE BEEN USED HOWEVER ATC USES A 500 FOOT BUFFER THEREFORE 15000 WAS USED PER AIR TRAFFIC REQUEST. 200 KIAS USED AT FIRST TURN (ICA) FOR CALCULATION OF LEG LENGTH AND DTA LENGTH BASED ON 2.9 NM TURN RADIUS.

U.S. DEPARTMENT of TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION

GRAPHIC DEPARTURE PROCEDURE (DP)

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DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
TEERX	TWO	TEERX2.TEERX	ONE	30-JUNE-11	

FLIGHT INSPECTED BY:

PAUL KOSCHEKA AJW-200 04/27/2011

DEVELOPED BY:

BRYAN BLUE AJV-354 07/02/2012

APPROVED BY:

DEZ SILAGYI AJV-354

COORDINATED WITH:

REQUIRED EFFECTIVE DATE:

ROUTINE

CHANGES:

1. CHANGED AIRPORT NAME FROM GALLATIN FIELD TO BOZEMAN YELLOWSTONE INTL

REASONS:

1. PER AVNIS

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
TEERX	TWO	TEERX2.TEERX	ONE	30 JUNE 11	

FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
RW 12 (AER)	454717.11N/1110959.33W	N	-	-	-	-			
4980	-	-	-	VA	135.76	-			CG 290 FT PER NM TO 15000 ATC CG 500 FT PER NM TO 4980
GALTN	454152.69N/1111236.97W	Y	FB	DF	-	-			
RANCR	454328.44N/1112637.82W	Y	FB	TF	279.32	9.95	AT/ABOVE 8000		
TEERX	454451.21N/1113858.07W	Y	FB	TF	279.15	8.75			
RW 30 (AER)	454613.48N/1110830.79W	N	-	-	-	-			
	454833.17N/1111145.23W	-	-	VI	315.77	3.25			CG 315 FT PER NM TO 15000, ATC CG 500 FT PER NM TO 4980
RANCR	454328.44N/1112637.82W	Y	FB	CF	244.09	11.59	AT/ABOVE 8000		
TEERX	454451.21N/1113858.07W	Y	FB	TF	279.15	8.75			
TEERX	454451.21N/1113858.07W	Y	-	IF	-	-			
PORKY	453324.41N/1114256.22W	Y	FB	TF	193.69	11.78	AT/ABOVE 15000		TEERX2.DBS
DBS VORTAC	440519.87N/1121233.64W	Y	FB	TF	193.64	90.57			
TEERX	454451.21N/1113858.07W	Y	-	IF	-	-			
HIA VOR/DME	455142.44N/1121010.59W	Y	FB	TF	287.62	22.88			TEERX2.HIA

QUALITY CHECKED

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
TEERX RNAV	TWO	TEERX2.TEERX	ONE	30-JUN-11	

ARINC PACKET - 424-18 - SID

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                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAD        DBS   K1011690VTHW N44051987W112123364    N44051987W112123364E0150049202     NARDUBOIS
        SUSAD        HIA   K1011370VDHW N45514244W112101059    N45514244W112101059E0180046522     NARWHITEHALL
        SUSAD        JAC   K1011540VDLW N43371574W110435407    N43371696W110435881E0130064531     NARJACKSON

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   GALTN K10    W     N45415269W111123697                     E0126     NAR           GALTN
        SUSAEAENRT   PORKY K10    W     N45332441W111425622                     E0128     NAR           PORKY
        SUSAEAENRT   RANCR K10    W     N45432844W111263782                     E0127     NAR           RANCR
        SUSAEAENRT   TEERX K10    W     N45445121W111385807                     E0128     NAR           TEERX

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBZNK1ABZN     0     089YHN45463926W111090728E013004473         1800018000C    MNAR    BOZEMAN YELLOWSTONE INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBZNK1DTEERX24RW12  010         0        VA                     1228        + 04980     18000
        SUSAP KBZNK1DTEERX24RW12  020GALTNK1EA0E    010DF
        SUSAP KBZNK1DTEERX24RW12  030RANCRK1EA0E    010TF                     26630100    + 08000
        SUSAP KBZNK1DTEERX24RW12  040TEERXK1EA0EE   010TF                     26620088
        SUSAP KBZNK1DTEERX24RW30  010         0        VI                     3028                    18000
        SUSAP KBZNK1DTEERX24RW30  020RANCRK1EA0E    010CF JAC K1      33371298231101 16D   + 08000
        SUSAP KBZNK1DTEERX24RW30  030TEERXK1EA0EE   010TF                     26620088
        SUSAP KBZNK1DTEERX26DBS   010TEERXK1EA0E       IF                                    18000
        SUSAP KBZNK1DTEERX26DBS   020PORKYK1EA0E    010TF                     18070118    + 15000
        SUSAP KBZNK1DTEERX26DBS   030DBS  K1D 0VE   010TF                     18060906
        SUSAP KBZNK1DTEERX26HIA   010TEERXK1EA0E       IF                                    18000
        SUSAP KBZNK1DTEERX26HIA   020HIA  K1D 0VE   010TF                     27460229

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBZNK1GRW12    0089941228 N45471711W111095933+0400    +1337304425000053150IIBZN1
        SUSAP KBZNK1GRW30    0089943028 N45461349W111083080-0400    +1348704462000045150R
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DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
TEERX RNAV	TWO	TEERX2.TEERX	ONE	30-JUN-11	

ARINC SUMMARY - 424-18 - SID

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	RW12		010		VA		FB		122.8()		AA 04980	
	RW12	GALTN	020		DF		FB	1.0				
	RW12	RANCR	030		TF		FB	1.0	266.3()	010.0	AA 08000	
	RW12	TEERX	040		TF		FB	1.0	266.2()	008.8		
	RW30		010		VI		FB		302.8()			
	RW30	RANCR	020		CF		FB	1.0	231.1()	011.6	AA 08000	
	RW30	TEERX	030		TF		FB	1.0	266.2()	008.8		
	DBS	TEERX	010		IF		FB					
	DBS	PORKY	020		TF		FB	1.0	180.7()	011.8	AA 15000	
	DBS	DBS	030		TF		FB	1.0	180.6()	090.6		
	HIA	TEERX	010		IF		FB					
	HIA	HIA	020		TF		FB	1.0	274.6()	022.9		

POINT DATA

WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
DBS	N440519.87	W1121233.64	N4405.331	W11212.561
HIA	N455142.44	W1121010.59	N4551.707	W11210.177
JAC	N433715.74	W1104354.07	N4337.262	W11043.901
GALTN	N454152.69	W1111236.97	N4541.878	W11112.616
PORKY	N453324.41	W1114256.22	N4533.407	W11142.937
RANCR	N454328.44	W1112637.82	N4543.474	W11126.630
TEERX	N454451.21	W1113858.07	N4544.854	W11138.968
RW12	N454717.11	W1110959.33	N4547.285	W11109.989
RW30	N454613.49	W1110830.80	N4546.225	W11108.513

RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW12	04425	53
RW30	04462	45