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DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
SPOKANE	THREE		TWO	12/15/2011	20 SEP 2012

TYPE: SID

DP ROUTE DESCRIPTION:

TAKEOFF RWY 03: CLIMB HEADING 025.00 (OR ATC ASSIGNED HEADING) FOR VECTORS TO ASSIGNED ROUTE/FIX, THENCE...

TAKEOFF RWY 07: CLIMBING RIGHT TURN HEADING 120.00 (OR ATC ASSIGNED HEADING) FOR VECTORS TO ASSIGNED ROUTE/FIX, THENCE...

TAKEOFF RWY 21: CLIMB HEADING 205.00 (OR ATC ASSIGNED HEADING) FOR VECTORS TO ASSIGNED ROUTE/FIX, THENCE...

TAKEOFF RWY 25: CLIMBING LEFT TURN HEADING 205.00 (OR ATC ASSIGNED HEADING) FOR VECTORS TO ASSIGNED ROUTE/FIX, THENCE...

...MAINTAIN 12000 OR ASSIGNED LOWER ALTITUDE, EXPECT FILED ALTITUDE/FLIGHT LEVEL 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

PROCEDURAL DATA NOTES/TAKEOFF MINIMUMS:

TAKEOFF MINIMUMS:

RWY 03, 07: STANDARD WITH MINIMUM CLIMB OF 320 FT PER NM TO 5300.
RWY 21, 25: STANDARD WITH MINIMUM CLIMB OF 250 FT PER NM TO 4800.

NOTE: RADAR REQUIRED.

TAKEOFF OBSTACLES NOTES:

NOTE: RWY 03, MULTIPLE TREES BEGINNING 1089 FT FROM DER, 666 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/2370 FT MSL. TREE 1524 FT FROM DER, 851 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/2374 FT MSL.

CONTROLLING OBSTACLES:

RWY 03, 07, 21, 25: 4548 FT MSL TOWER 473541.00N/1171757.00W.

LOST COMMUNICATIONS PROCEDURES:

CLIMB DIRECT GEG VORTAC BEFORE PROCEEDING ON COURSE. CROSS GEG VORTAC AT OR ABOVE: NORTHEAST-BOUND V120-448 5200: EAST-BOUND V2 5200. AIRCRAFT DEPARTING RWY 3, IF NOT IN CONTACT WITH ATC WITHIN 10 NM AFTER TAKEOFF, TURN LEFT DIRECT GEG VORTAC, CROSS GEG VORTAC AT OR ABOVE 5200, THENCE VIA

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ASSIGNED FIX/ROUTE.

ADDITIONAL FLIGHT DATA:

CHART: SECTORIZED DEPARTURE CONTROL WITH DASHED LINES ON GEG VORTAC R-205 AND R-025.
CHART: EAST AND WEST DEPARTURE FREQUENCIES IN THE COORESPONDING SECTORS.
CHART: V2, V120-448.

AIRPORTS SERVED:

SPOKANE INTL SPOKANE, WA

COMMUNICATIONS:

ATIS, GND CON, GEG ATCT, SPOKANE CLEARANCE DELIVERY, SPOKANE DEP CON.

FIXES AND/OR NAVAIDS:

ALW VOR/DME, COE VOR/DME, MLP VOR/DME, MQG VOR/DME, MWH VOR/DME, PSC VOR/DME, PUW VOR/DME, EPH VORTAC, GEG VORTAC, HUH VORTAC, PDT VORTAC, YKM VORTAC.

REMARKS:

2015 EPOCH YEAR MAGVAR VALUE IS -15E. CHARTED MAGVAR IS -18E. MAGVAR NOT UPDATED AT THIS TIME PER FPT REQUEST.

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SPOKANE	THREE		TWO	12/15/2011	20 SEP 2012

CHANGES:

1. CHANGED RWY 03 AND RWY 07 MINIMUMS FROM STANDARD TO READ "STANDARD WITH MINIMUM CLIMB OF 320 FT PER NM TO 5300".
2. CHANGED RWY 21 MINIMUMS FROM STANDARD TO READ "STANDARD WITH MINIMUM CLIMB OF 250 FT PER NM TO 4800".
3. CHANGED RWY 25 MINIMUMS FROM STANDARD WITH MINIMUM ATC CLIMB OF 400 FT PER NM TO 2800 TO READ "STANDARD WITH MINIMUM CLIMB OF 250 FT PER NM TO 4800".
4. UPDATED RWY 3 TAKEOFF OBSTACLE NOTES.
5. REMOVED 4000 FT ALTITUDE FROM ALL RUNWAYS AND ADDED "OR ATC ASSIGNED HEADING" AFTER DEPARTURE HEADINGS.

REASONS:

1-3. NEW CONTROLLING OBSTACLES.
4. IAW 8260.46D.
5. ATC REQUEST.

QUALITY CHECK

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
SPOKANE	THREE		TWO	12/15/2011	20 SEP 2012

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        ALW   K1011640VDLW N46051311W118173313    N46051311W118173313E0200011791     NARWALLA WALLA
        SUSAD        COE   K1010880VDTA N47462531W116491410    N47462531W116491410E0190023200     NARCOEUR D'ALENE
        SUSAD        EPH   K1011260VTHW N47224051W119252641    N47224051W119252641E0210012502     NAREPHRATA
        SUSAD        GEG   K1011550VTHA N47335380W117373679    N47335380W117373679E0210027562     NARSPOKANE
        SUSAD        HUH   K1011300VTHA N48564303W122344532    N48564303W122344532E0200000832     NARWHATCOM
        SUSAD        MLP   K1011780VDHA N47272485W115384576    N47272485W115384576E0150061002     NARMULLAN PASS
        SUSAD        MQG   K1010820VDLW N46225361W116521024    N46225361W116521024E0200017231     NARNEZ PERCE
        SUSAD        MWH   K1011500VDHW N47123911W119190054    N47123911W119190054E0180011932     NARMOSES LAKE
        SUSAD        PDT   K1011470VTHA N45415431W118561933    N45415431W118561933E0200015592     NARPENDLETON
        SUSAD        PSC   K1010840VDLW N46154674W119065658    N46154674W119065658E0200004041     NARPASCO
        SUSAD        PUW   K1010900VDLA N46402748W117132462    N46402748W117132462E0200027201     NARPULLMAN
        SUSAD        YKM   K1011600VTHW N46341287W120264069    N46341287W120264069E0210009842     NARYAKIMA

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KGEGK1AGEG     0     110YHN47370850W117320680E018002385         1800018000C    MNAR    SPOKANE INTL

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KGEGK1DGEG3  TRW03  010         0 E      VM                    0250                    18000
        SUSAP KGEGK1DGEG3  TRW07  010         0        CA                    0725        + 02785     18000
        SUSAP KGEGK1DGEG3  TRW07  020         0 E      VM                    1200
        SUSAP KGEGK1DGEG3  TRW21  010         0 E      VM                    2050                    18000
        SUSAP KGEGK1DGEG3  TRW25  010         0        CA                    2525        + 02785     18000
        SUSAP KGEGK1DGEG3  TRW25  020         0 E      VM                    2050
        SUSAP KGEGK1DGEG3  VALW   010KGEG K1PA0A       IF                                            18000
        SUSAP KGEGK1DGEG3  VALW   020ALW  K1D 0VE      DF
        SUSAP KGEGK1DGEG3  VCOE   010KGEG K1PA0A       IF                                            18000
        SUSAP KGEGK1DGEG3  VCOE   020COE  K1D 0VE      DF
        SUSAP KGEGK1DGEG3  VEPH   010KGEG K1PA0A       IF                                            18000
        SUSAP KGEGK1DGEG3  VEPH   020EPH  K1D 0VE      DF
        SUSAP KGEGK1DGEG3  VGEG   010KGEG K1PA0A       IF                                            18000
        SUSAP KGEGK1DGEG3  VGEG   020GEG  K1D 0VE      DF
        SUSAP KGEGK1DGEG3  VHUH   010KGEG K1PA0A       IF                                            18000
        SUSAP KGEGK1DGEG3  VHUH   020HUH  K1D 0VE      DF
        SUSAP KGEGK1DGEG3  VMLP   010KGEG K1PA0A       IF                                            18000
        SUSAP KGEGK1DGEG3  VMLP   020MLP  K1D 0VE      DF
        SUSAP KGEGK1DGEG3  VMQG   010KGEG K1PA0A       IF                                            18000
        SUSAP KGEGK1DGEG3  VMQG   020MQG  K1D 0VE      DF
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QUALITY 1 CHECKED

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
SPOKANE	THREE		TWO	12/15/2011	20 SEP 2012

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SUSAP KGEGK1DGEG3  VMWH   010KGEG K1PA0A      IF                                    18000
SUSAP KGEGK1DGEG3  VMWH   020MWH  K1D 0VE     DF
SUSAP KGEGK1DGEG3  VPDT   010KGEG K1PA0A      IF                                    18000
SUSAP KGEGK1DGEG3  VPDT   020PDT  K1D 0VE     DF
SUSAP KGEGK1DGEG3  VPSC   010KGEG K1PA0A      IF                                    18000
SUSAP KGEGK1DGEG3  VPSC   020PSC  K1D 0VE     DF
SUSAP KGEGK1DGEG3  VPUW   010KGEG K1PA0A      IF                                    18000
SUSAP KGEGK1DGEG3  VPUW   020PUW  K1D 0VE     DF
SUSAP KGEGK1DGEG3  VYKM   010KGEG K1PA0A      IF                                    18000
SUSAP KGEGK1DGEG3  VYKM   020YKM  K1D 0VE     DF
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                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KGEGK1GRW03    0110020275 N47363629W117330029-0600    +0708602385000058150IIOLJ3
        SUSAP KGEGK1GRW07    0081990725 N47370107W117331176-0100    +0705902376000060150R
        SUSAP KGEGK1GRW21    0110022075 N47375238W117310576+0600    +0689502322000058150IIGEG3
        SUSAP KGEGK1GRW25    0081992525 N47370036W117311210+0100    +0704502372000050150R
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DEPARTURE (DATA RECORD)

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SPOKANE	THREE		TWO	12/15/2011	20 SEP 2012

ARINC SUMMARY - 424-18 - SID

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	RW03		010		VM		FB		025.0()			
	RW07		010		CA		FB		072.5()		AA 02785	
	RW07		020		VM		FB		120.0()			
	RW21		010		VM		FB		205.0()			
	RW25		010		CA		FB		252.5()		AA 02785	
	RW25		020		VM		FB		205.0()			
	ALW	KGEG	010		IF		FB					
	ALW	ALW	020		DF		FB					
	COE	KGEG	010		IF		FB					
	COE	COE	020		DF		FB					
	EPH	KGEG	010		IF		FB					
	EPH	EPH	020		DF		FB					
	GEG	KGEG	010		IF		FB					
	GEG	GEG	020		DF		FB					
	HUH	KGEG	010		IF		FB					
	HUH	HUH	020		DF		FB					
	MLP	KGEG	010		IF		FB					
	MLP	MLP	020		DF		FB					
	MQG	KGEG	010		IF		FB					
	MQG	MQG	020		DF		FB					
	MWH	KGEG	010		IF		FB					
	MWH	MWH	020		DF		FB					
	PDT	KGEG	010		IF		FB					
	PDT	PDT	020		DF		FB					
	PSC	KGEG	010		IF		FB					
	PSC	PSC	020		DF		FB					
	PUW	KGEG	010		IF		FB					
	PUW	PUW	020		DF		FB					
	YKM	KGEG	010		IF		FB					
	YKM	YKM	020		DF		FB					

POINT DATA

WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
ALW	N460513.11	W1181733.13	N4605.219	W11817.552
COE	N474625.31	W1164914.10	N4746.422	W11649.235
EPH	N472240.51	W1192526.41	N4722.675	W11925.440
GEG	N473353.80	W1173736.79	N4733.897	W11737.613
HUH	N485643.03	W1223445.32	N4856.717	W12234.755
MLP	N472724.85	W1153845.76	N4727.414	W11538.763
MQG	N462253.61	W1165210.24	N4622.894	W11652.171
MWH	N471239.11	W1191900.54	N4712.652	W11919.009
PDT	N454154.31	W1185619.33	N4541.905	W11856.322

QUALITY CHECKED

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PSC	N461546.74	W1190656.58	N4615.779	W11906.943
PUW	N464027.48	W1171324.62	N4640.458	W11713.410
YKM	N463412.87	W1202640.69	N4634.215	W12026.678
RW03	N473636.29	W1173300.29	N4736.605	W11733.005
RW07	N473701.07	W1173311.76	N4737.018	W11733.196
RW21	N473752.38	W1173105.76	N4737.873	W11731.096
RW25	N473700.36	W1173112.10	N4737.006	W11731.202

RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW03	02385	58
RW07	02376	60
RW21	02322	58
RW25	02372	50