US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29

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
PAE VOR/DME	KENMO/I-SNQ 15.94 DME/RADAR	164.88 / 13.25	5000
KENMO/I-SNQ 15.94 DME/RADAR (IAF)	HELZR/I-SNQ 12.80 DME/RADAR	163.34 / 3.14 (I-SNQ)	4000
GRIFY (IAF)	HELZR/I-SNQ 12.80 DME/RADAR	135.25 / 6.54	4000
HELZR/I-SNQ 12.80 DME/RADAR (IF)	KARFO/I-SNQ 10.29 DME/RADAR	163.34 / 2.51 (I-SNQ)	3200
KARFO/I-SNQ 10.29 DME/RADAR	DGLAS/I-SNQ 6.21 DME/RADAR	163.34 / 4.08 (I-SNQ)	1900

MISSED APPROACH

ILS: DA
LOC: 4.44 MILES AFTER DGLAS/I-SNQ 6.21 DME/RADAR OR AT I-SNQ 1.77 DME FIX

CLIMB TO 900 ON HEADING 165 THEN ON SEA VORTAC R-161 TO CROSS TEBNE/SEA 2.40 DME/RADAR AT OR BELOW 2000 THEN CLIMB TO 5000 ON SEA VORTAC R-161 TO MILLT INT/SEA 11.00 DME/RADAR AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5000, OR AS DIRECTED BY ATC.

(SEE FORM 8260-10)

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT HELZR/I-SNQ 12.80 DME/RADAR
3. FAC: 163.34 FAF: DGLAS/I-SNQ 6.21 DME/RADAR DIST FAF TO MAP: 4.44 THLD: 4.44
4. MIN. ALT: HELZR 4000, KARFO 3200, DGLAS 1900
5. DIST TO THLD FROM OM: - MM: - IM: 810 150 HAT: 1839 100 HAT: 885 GS ANT: 1089
6. MIN GS INCPT: 1900 GS ALT AT: DGLAS 1900 OM: - MM: - IM: -
7. GS ANGLE: 3.00 TCH: 53.6
8. MSA FROM: SEA VORTAC 360-160 6400, 160-250 2200, 250-360 3400

ADDITIONAL FLIGHT DATA:
HOLD S, RT, 340.66 INBOUND.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD E TCM VORTAC, RT, 254.00 INBOUND.
CHART FAS OBST: 514 TREE 472836N/1221818W
CHART VDP AT 2.93 DME*;
DISTANCE VDP TO THLD 1.16 MILES.
*LOC ONLY.
CHART IN PLANVIEW: TCM VORTAC.
CHART AT/ABOVE 6000 AT GRIFY.
CHART LOC RWY 16R.
CHART: 696 ATC TOWER 472721N/1221805W
CHART TCM R-025 AT MILLT
CHART KBFI

MAG VAR: 17E EPOCH YEAR: 2010

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A ILS: STANDARD LOC: STANDARD

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 16L	696	2000	263	633	1800	200	633	1800	200	633	1800	200			
S-LOC 16L	880	2400	447	880	2400	447	880	4500	447	880	4500	447			
CIRCLING	1000	1	567	1000	1	567	1000	1 1/2	567	1000	2	567			

NOTES:
SA CATEGORY I ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED. S-ILS 16L: CAT B, C, D, RA 248, RVR 1400, HATh 150, DA 583 MSL. CAT A NA.
CATEGORY II ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED. S-ILS 16L: CAT B, C, D, RA 176, RVR 1200, HATh 100, DA 533 MSL. CAT A NA.
(SEE FORM 8260-10)

4

CITY AND STATE	ELEVATION: 433 THRE: 433	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
SEATTLE, WA	AIRPORT NAME: SEATTLE-TACOMA INTL	I-SNQ	ILS OR LOC RWY 16L, AMDT 5 3/07/2013 ILS RWY 16L (SA CAT I), ILS RWY 16L (CAT II), ILS RWY 16L (CAT III)	AMDT: 4B DATED 03/08/2012

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MISSED APPROACH INSTRUCTIONS, (CONT.):
ALTERNATE MA: (SIMULTANEOUS OPERATIONS NA) CLIMB TO 2000 ON HEADING 163 THEN CLIMBING RIGHT TURN DIRECT TCM VORTAC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5000.

NOTES, (CONT.):
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT PAE VOR/DME ON V23 NORTHBOUND.
CHART PLANVIEW NOTE: DME OR RADAR REQUIRED.
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 16R.
SA CAT I CHART NOTE: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL AND USE OF HUD TO DH.
CHART NOTE: FOR INOPERATIVE ALSF, INCREASE S-ILS 16L CAT A VISIBILITY TO RVR 4500, AND CATS B, C, D TO RVR 4000.
CHART NOTE: DME OR RADAR REQUIRED.
CHART IN PLANVIEW ADJACENT TO GRIFY: GPS REQUIRED.

CAT II CHART NOTE: RVR 1000 AUTHORIZED WITH SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL AND USE OF AUTOLAND OR HUD TO TOUCHDOWN.

CATEGORY III ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED. S-ILS 16L: CAT IIIa CAT B, C, D, RVR 700. CAT IIIb CAT B,C,D, RVR 600. CAT IIIc NA. CAT A NA.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 433 THRE: 433	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
SEATTLE, WA	AIRPORT NAME: SEATTLE-TACOMA INTL	I-SNQ	ILS OR LOC RWY 16L, AMDT 5 3/07/2013 ILS RWY 16L (SA CAT I), ILS RWY 16L (CAT II), ILS RWY 16L (CAT III)	AMDT: 4B DATED: 03/08/2012

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.29**

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ARINC PACKET - 424-18 - ILS

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                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
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        SUSAD         PAE   K1011060VDLW N47551140W122164020    N47551210W122164180E0200006741     NARPAINE
        SUSAD         SEA   K1011680VTHW N47260734W122183462    N47260851W122183597E0190003542     NARSEATTLE
        SUSAD KSEAK1  ISNQ  K1011030 IT                     ISNQN47260360W122182268     003690     NARSEATTLE-TACOMA INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   DGLAS K10    C     N47321590W122182557                     E0165     NAR           DGLAS
        SUSAEAENRT   GRIFY K10    W     N47443841W122225233                     E0165     NAR           GRIFY
        SUSAEAENRT   HELZR K10    C     N47385130W122182209                     E0165     NAR           HELZR
        SUSAEAENRT   KARFO K10    C     N47362068W122182342                     E0165     NAR           KARFO
        SUSAEAENRT   KENMO K10    C     N47415957W122182043                     E0165     NAR           KENMO
        SUSAEAENRT   MILLT K10    C     N47150775W122182881                     E0164     NAR           MILLT
        SUSAEAENRT   TEBNE K10    R     N47234344W122183338                     E0164     NAR           TEBNE

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSEAK1ASEA     0     119YHN47265960W122184240E017000433         1800018000C    MNAR    SEATTLE-TACOMA INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSEAK1FI16L  AGRIFY 010GRIFYK1EA0E  A    IF                                  + 06000     18000                 0 NS
        SUSAP KSEAK1FI16L  AGRIFY 020HELZRK1EA0E  B    TF                                  + 04000                           0 NS
        SUSAP KSEAK1FI16L  AGRIFY 030KARFOK1EA0EE      CF ISNQK1      3433010616330025PI  + 03200                           0 NS
        SUSAP KSEAK1FI16L  APAE   010PAE  K1D 0V       IF                                            18000                   0 NS
        SUSAP KSEAK1FI16L  APAE   020KENMOK1EA0E  A    TF                                  + 05000                           0 NS
        SUSAP KSEAK1FI16L  APAE   030HELZRK1EA0E  B    TF                                  + 04000                           0 NS
        SUSAP KSEAK1FI16L  APAE   040KARFOK1EA0EE      CF ISNQK1      3433010616330025PI  + 03200                           0 NS
        SUSAP KSEAK1FI16L  I      010KARFOK1EA0E  I    IF ISNQK1      34330106        PI  J 032000190018000                 0 NS
        SUSAP KSEAK1FI16L  I      020DGLASK1EA0E  F    CF ISNQK1      3433006616300041PI  H 0190001900        -300SEA   K1D 0 NS
        SUSAP KSEAK1FI16L  I      030RW16LK1PG0GY M    CF ISNQK1      3433002116300044PI    00486             -300          0 NS
        SUSAP KSEAK1FI16L  I      040          0  M    VA                        1650      + 00900                           0 NS
        SUSAP KSEAK1FI16L  I      050TEBNEK1EA0E       CF SEA K1      1607002416070040D   - 02000                           0 NS
        SUSAP KSEAK1FI16L  I      060MILLTK1EA0EY      TF                                  + 05000                           0 NS
        SUSAP KSEAK1FI16L  I      070MILLTK1EA0EE  R   HM                       3407T010    + 05000                           0 NS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
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CITY AND STATE	ELEVATION: 433 THRE: 433	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
SEATTLE, WA	AIRPORT NAME: **SEATTLE-TACOMA INTL**	**I-SNQ**	**ILS OR LOC RWY 16L, AMDT 5** 3/07/2013 **ILS RWY 16L (SA CAT I), ILS RWY 16L (CAT II), ILS RWY 16L (CAT III)**	AMDT: **4B** DATED: **03/08/2012**

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```
        SUSAP KSEAK1GRW16L   0119011633 N47274966W122182790-0700    +0108800433000054150IISNQ3
                  1         2         3         4         5         6         7         8         9         0         1         2         3
ILS     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        SUSAP KSEAK1IISNQ3   011030RW16LN47254227W1221829031633N47273894W1221833821008 10890311300E01705400425
                  1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        SUSAP KSEAK1SSEA  K1D                 0   070180034251803400642534007002225                                                M
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CITY AND STATE	ELEVATION: 433 THRE: 433	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
SEATTLE, WA	AIRPORT NAME: SEATTLE-TACOMA INTL	I-SNQ	ILS OR LOC RWY 16L, AMDT 5 3/07/2013 ILS RWY 16L (SA CAT I), ILS RWY 16L (CAT II), ILS RWY 16L (CAT III)	AMDT: 4B DATED: 03/08/2012

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ARINC SUMMARY - 424-18 - ILS

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	GRIFY	GRIFY	010	IAF	IF		FB				AA 06000	
	GRIFY	HELZR	020		TF		FB				AA 04000	
	GRIFY	KARFO	030		CF		FB		163.3()	002.5	AA 03200	
	PAE	PAE	010		IF		FB					
	PAE	KENMO	020	IAF	TF		FB				AA 05000	
	PAE	HELZR	030		TF		FB				AA 04000	
	PAE	KARFO	040		CF		FB		163.3()	002.5	AA 03200	
		KARFO	010	FACF	IF		FB				AA 03200 GI 01900	
		DGLAS	020	FAF	CF		FB		163.0()	004.1	GI 01900 GS 01900	
		RW16L	030	MAP	CF		FO		163.0()	004.4	AT 00486	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		VA		FB		165.0()		AA 00900	
	TEBNE	050		CF		FB		160.7()	004.0	AB 02000	
	MILLT	060		TF		FO				AA 05000	
	MILLT	070		HM	R	FO		340.7()	T01.0	AA 05000	

POINT DATA

WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
PAE	N475511.40	W1221640.20	N4755.190	W12216.670
SEA	N472607.34	W1221834.62	N4726.122	W12218.577
ISNQ (DME)	N472603.60	W1221822.68	N4726.060	W12218.378
DGLAS	N473215.90	W1221825.57	N4732.265	W12218.426
GRIFY	N474438.41	W1222252.33	N4744.640	W12222.872
HELZR	N473851.30	W1221822.09	N4738.855	W12218.368
KARFO	N473620.68	W1221823.42	N4736.345	W12218.390
KENMO	N474159.57	W1221820.43	N4741.993	W12218.341
MILLT	N471507.75	W1221828.81	N4715.129	W12218.480
TEBNE	N472343.44	W1221833.38	N4723.724	W12218.556
RW16L	N472749.66	W1221827.90	N4727.828	W12218.465
ISNQ (LOC)	N472542.27	W1221829.03	N4725.705	W12218.484

RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW16L	00433	54

CITY AND STATE	ELEVATION: 433 THRE: 433	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
SEATTLE, WA	AIRPORT NAME: SEATTLE-TACOMA INTL	I-SNQ	ILS OR LOC RWY 16L, AMDT 5 3/07/2013 ILS RWY 16L (SA CAT I), ILS RWY 16L (CAT II), ILS RWY 16L (CAT III)	AMDT: 4B DATED: 03/08/2012

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.25**

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ARINC PACKET - 424-18 - LOC

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                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAD        PAE   K1011060VDLW N47551140W122164020    N47551210W122164180E0200006741     NARPAINE
        SUSAD        SEA   K1011680VTHW N47260734W122183462    N47260851W122183597E0190003542     NARSEATTLE
        SUSAD KSEAK1 ISNQ  K1011030 IT                     ISNQN47260360W122182268     003690     NARSEATTLE-TACOMA INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   DGLAS K10    C     N47321590W122182557                      E0165     NAR           DGLAS
        SUSAEAENRT   GRIFY K10    W     N47443841W122225233                      E0165     NAR           GRIFY
        SUSAEAENRT   HELZR K10    C     N47385130W122182209                      E0165     NAR           HELZR
        SUSAEAENRT   KARFO K10    C     N47362068W122182342                      E0165     NAR           KARFO
        SUSAEAENRT   KENMO K10    C     N47415957W122182043                      E0165     NAR           KENMO
        SUSAEAENRT   MILLT K10    C     N47150775W122182881                      E0164     NAR           MILLT
        SUSAEAENRT   TEBNE K10    R     N47234344W122183338                      E0164     NAR           TEBNE

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSEAK1ASEA     0     119YHN47265960W122184240E017000433         1800018000C    MNAR    SEATTLE-TACOMA INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSEAK1FL16L  AGRIFY 010GRIFYK1EA0E  A    IF                                  + 06000     18000                 0 NS
        SUSAP KSEAK1FL16L  AGRIFY 020HELZRK1EA0E  B    TF                                  + 04000                           0 NS
        SUSAP KSEAK1FL16L  AGRIFY 030KARFOK1EA0EE      CF ISNQK1      3433010616330025PI  + 03200                           0 NS
        SUSAP KSEAK1FL16L  APAE   010PAE  K1D 0V       IF                                             18000                 0 NS
        SUSAP KSEAK1FL16L  APAE   020KENMOK1EA0E  A    TF                                  + 05000                           0 NS
        SUSAP KSEAK1FL16L  APAE   030HELZRK1EA0E  B    TF                                  + 04000                           0 NS
        SUSAP KSEAK1FL16L  APAE   040KARFOK1EA0EE      CF ISNQK1      3433010616330025PI  + 03200                           0 NS
        SUSAP KSEAK1FL16L  L      010KARFOK1EA0E  I    IF ISNQK1      34330106        PI  + 03200     18000                 0 NS
        SUSAP KSEAK1FL16L  L      020DGLASK1EA0E  F    CF ISNQK1      3433006616300041PI  + 01900                 SEA   K1D 0 NS
        SUSAP KSEAK1FL16L  L      030RW16LK1PG0GY M    CF ISNQK1      3433002116300044PI    00486             -301          0 NS
        SUSAP KSEAK1FL16L  L      040         0  M     VA                      1650       + 00900                           0 NS
        SUSAP KSEAK1FL16L  L      050TEBNEK1EA0E       CF SEA K1      1607002416070040D   - 02000                           0 NS
        SUSAP KSEAK1FL16L  L      060MILLTK1EA0EY      TF                                  + 05000                           0 NS
        SUSAP KSEAK1FL16L  L      070MILLTK1EA0EE  R   HM                      3407T010   + 05000                           0 NS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
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CITY AND STATE	ELEVATION: 433 THRE: 433	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
SEATTLE, WA	AIRPORT NAME: **SEATTLE-TACOMA INTL**	**I-SNQ**	**ILS OR LOC RWY 16L, AMDT 5** 3/07/2013 **ILS RWY 16L (SA CAT I), ILS RWY 16L (CAT II), ILS RWY 16L (CAT III)**	AMDT: **4B** DATED: **03/08/2012**

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```
        SUSAP KSEAK1GRW16L   0119011633 N47274966W122182790-0700    +0108800433000054150IISNQ3
                  1         2         3         4         5         6         7         8         9         0         1         2         3
ILS     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        SUSAP KSEAK1IISNQ3   011030RW16LN47254227W1221829031633N47273894W1221833821008 10890311300E01705400425
                  1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        SUSAP KSEAK1SSEA  K1D                 0   070180034251803400642534007002225                                                  M
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CITY AND STATE	ELEVATION: 433 THRE: 433	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
SEATTLE, WA	AIRPORT NAME: SEATTLE-TACOMA INTL	I-SNQ	ILS OR LOC RWY 16L, AMDT 5 3/07/2013 ILS RWY 16L (SA CAT I), ILS RWY 16L (CAT II), ILS RWY 16L (CAT III)	AMDT: 4B DATED: 03/08/2012

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.

ARINC SUMMARY - 424-18 - LOC

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	GRIFY	GRIFY	010	IAF	IF		FB				AA 06000	
	GRIFY	HELZR	020		TF		FB				AA 04000	
	GRIFY	KARFO	030		CF		FB		163.3()	002.5	AA 03200	
	PAE	PAE	010		IF		FB					
	PAE	KENMO	020	IAF	TF		FB				AA 05000	
	PAE	HELZR	030		TF		FB				AA 04000	
	PAE	KARFO	040		CF		FB		163.3()	002.5	AA 03200	
		KARFO	010	FACF	IF		FB				AA 03200	
		DGLAS	020	FAF	CF		FB		163.0()	004.1	AA 01900	
		RW16L	030	MAP	CF		FO		163.0()	004.4	AT 00486	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		VA		FB		165.0()		AA 00900	
	TEBNE	050		CF		FB		160.7()	004.0	AB 02000	
	MILLT	060		TF		FO				AA 05000	
	MILLT	070		HM	R	FO		340.7()	T01.0	AA 05000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	PAE	N475511.40	W1221640.20	N4755.190	W12216.670
	SEA	N472607.34	W1221834.62	N4726.122	W12218.577
	ISNQ (DME)	N472603.60	W1221822.68	N4726.060	W12218.378
	DGLAS	N473215.90	W1221825.57	N4732.265	W12218.426
	GRIFY	N474438.41	W1222252.33	N4744.640	W12222.872
	HELZR	N473851.30	W1221822.09	N4738.855	W12218.368
	KARFO	N473620.68	W1221823.42	N4736.345	W12218.390
	KENMO	N474159.57	W1221820.43	N4741.993	W12218.341
	MILLT	N471507.75	W1221828.81	N4715.129	W12218.480
	TEBNE	N472343.44	W1221833.38	N4723.724	W12218.556
	RW16L	N472749.66	W1221827.90	N4727.828	W12218.465
	ISNQ (LOC)	N472542.27	W1221829.03	N4725.705	W12218.484

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW16L	00433	54

CITY AND STATE	ELEVATION: 433 THRE: 433	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
SEATTLE, WA	AIRPORT NAME: SEATTLE-TACOMA INTL	I-SNQ	ILS OR LOC RWY 16L, AMDT 5 3/07/2013 ILS RWY 16L (SA CAT I), ILS RWY 16L (CAT II), ILS RWY 16L (CAT III)	AMDT: 4B DATED: 03/08/2012