

RNAV

**U.S. DEPARTMENT OF TRANSPORTATION --  
FEDERAL AVIATION ADMINISTRATION -- FLIGHT STANDARDS SERVICE  
SPECIAL INSTRUMENT APPROACH PROCEDURE -- FLIGHT STANDARDS SERVICE**

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.

When the instrument approach procedure of the above type is conducted at the below named airport, it must be conducted in accordance with a charted instrument approach procedure prodcated on the specifications contained herein and as specified on accompanying FAA 8260-7B (as amended). Minimum altitudes must correspond with those established for en route operation in the particular area or as set forth below. The information on this form is considered public and subject to disclosure under the Freedom of Information Act (FOIA).

**SPECIFICATION - NOT FOR COCKPIT USE**

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	MAP: RNP: DA
PAE VOR/DME	AGANE (TF) (FB) (RNP 1.00)	170.68 / 13.24	5000	CLIMB TO 900 THEN CLIMBING RIGHT DIRECT ZERLI TO CROSS ZERLI AT 2000 AND HOLD. WHEN AUTHORIZED BY ATC, CONTINUE CLIMB IN HOLD TO 5000.
AGANE (IAF)	CELAKE (TF) (FB) (RNP 0.15)	164.33 / 3.14	4000	
GRIFY (IAF)	CELAKE (TF) (FB) (RNP 0.15)	138.34 / 8.04	4000	
CELAKE (IF) (SEE FORM 8260-10)	BUGNE (TF) (FB) (RNP 0.15)	164.33 / 2.51	3200	

1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)	<b>ADDITIONAL FLIGHT DATA:</b>  <b>HOLD SW, RT, 031.00 INBOUND.</b> <b>ROUTE TYPE: A, H</b> <b>ROUTE TYPE QUALIFIER 1: F</b> <b>ROUTE TYPE QUALIFIER 2: S</b> <b>DISTANCE TO THLD FROM 355 HAT: 0.94 NM.</b> <b>#TCH 469.9 MSL (DO NOT CHART).</b> <b>CHART PLANVIEW NOTE ADJACENT TO VASHN IF: RF REQUIRED.</b>  <b>MAG VAR: 16E</b> <b>EPOCH YEAR: 2020</b>
2. <b>PROFILE STARTS AT WOTIK</b>	
3. FAC: <b>164.33</b> FAF: <b>FINKA</b> DIST FAF TO MAP: _____ THLD: _____	
4. MIN. ALT: <b>WOTIK 2300, FINKA 1900</b>	
5. DIST TO THLD FROM OM: <b>4.49</b> MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____	
6. MIN GS INCPT: <b>1900</b> GS ALT AT: <b>FINKA 1900</b> OM: _____ MM: _____ IM: _____	
7. GS ANGLE: <b>3.00</b> TCH: <b>54.9 # 34:1 IS CLEAR</b>	
8. MSA FROM: <b>RW16R 6400</b>	

MINIMUMS															
TAKEOFF: SEE FORM 8260-15A FOR THIS AIRPORT								ALTERNATE: N A							
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

AUTHORIZATION REQUIRED															
RNP 0.15 DA	770	3400	355	770	3400	355	770	3400	355	770	3400	355			

NOTES:  
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -8C (-18F) OR ABOVE 54C (130F).  
 CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 16C/L.  
 CHART NOTE: GPS REQUIRED.  
 CHART PLANVIEW NOTE AT PAE VOR/DME: (RNP 0.15).  
 CHART PLANVIEW NOTE AT GRIFY: (RNP 0.15).  
 CHART PLANVIEW NOTE AT VASHN: (RNP 0.15).

CITY AND STATE <b>SEATTLE, WA</b>	ELEVATION: 433 TDZE: 415 AIRPORT NAME: <b>SEATTLE-TACOMA INTL</b>	FACILITY IDENTIFIER: <b>RNAV</b>	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: <b>RNAV (RNP) M RWY 16R, AMDT 2A</b>	SUP:
				AMDT: <b>2</b>
				DATED: <b>11/13/2014</b>

QUALITY  
26  
CHECKED

ADDITIONAL FLIGHT DATA/NOTES CONTINUED: ADDITIONAL FLIGHT DATA, (CONT.): CHART MANDATORY 6000 AT VASHN CHART MANDATORY 6000 AT GRIFY CHART MINIMUM 5900 AT PPAUL CHART MANDATORY 2000 AT ZERLI CHART PLANVIEW NOTE ADJACENT TO PPAUL: RF REQUIRED.		
NOTES, (CONT.): CHART PROFILE NOTE: SEE PLANVIEW FOR MULTIPLE IF LOCATIONS. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON PAE VOR/DME AIRWAY RADIALS 163 CW 236. (CONTINUED ON PAGE 2)		
SUBMITTED BY		
NAME:	OFFICE	DATE:
FLIGHT CHECKED BY		
NAME: PROCESSED IAW FLIGHT INSPECTION TEAM (AJW-333) MEMO, 5/30/17. SUBJECT: FLIGHT INSPECTION REVIEW NOT REQUIRED.	OFFICE <small>Digitally signed by JACOB POWERS Sep 26, 2017</small>	DATE:
DEVELOPED BY <small>Digitally signed by</small>		
NAME: PHILLIP BRANDENBURG	OFFICE PHILLIP BRANDENBURG Aug 21, 2017 AJV-5412	DATE: 07/18/2017
RECOMMENDED BY		
NAME: <small>Digitally signed by JACOB POWERS Sep 26, 2017</small> GEORGE DAVIS	OFFICE MANAGER AJV-5410	DATE:
APPROVED BY		
		DATE:
CHANGES: 1. ALL MAG COURSES INCREASED 1 DEG. 2. CHANGE FORMAT FOR SPEED NOTES AT HEGEM AND SEGAW.		
REASONS: 1. KSEA MAGVAR FROM 17E TO 16E. 2. PER CRITERIA.		
PDF EDITS: VIS ALL CATS 3400.		
9/26/2017: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 7/18/2017. 1. ADDED FB DESIGNATION TO TERMINAL ROUTE FROM PAE VOR/DME TO AGANE. 2. REMOVED FAR PART 97.33 FROM HEADER OF 8260-10.		



**SPECIAL INSTRUMENT APPROACH PROCEDURE --  
FLIGHT STANDARDS SERVICE**

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, (CONT.):**

<b>FROM</b>	<b>TO</b>	<b>COURSE AND DISTANCE</b>	<b>ALTITUDE</b>
BUGNE	WOTIK (TF) (FB) (RNP 0.15)	164.33 / 2.64	2300
PPAUL	FERIE (TF) (FB) (RNP 0.15)	146.19 / 2.78	5300
FERIE	HEGEM (TF) (FB) (RNP 0.15)	146.21 / 3.22	5000
HEGEM	SEGAW (RF) (FB) (RNP 0.15)	(3.15 NM RADIUS CCW (CFBRK))/2.11	3700
VASHN (IF)	RAYUU (TF) (FB) (RNP 0.15)	344.23 / 3.10	5000
RAYUU	SEGAW (RF) (FB) (RNP 0.15)	(2.81 NM RADIUS CW (CFDRK))/4.40	3700
SEGAW	PINTR (RF) (FB) (RNP 0.15)	(2.80 NM RADIUS CW (CFCHS))/1.51	3200
PINTR	WOTIK (RF) (FB) (RNP 0.15)	(2.81 NM RADIUS CW (CFDRK))/2.90	2300
WOTIK	FINKA (TF) (FB) (RNP 0.15)	164.33 / 1.44	1900
FINKA (FAF)	RW16R (MAP) (TF) (FO) (RNP 0.15)	164.33 / 4.49	
RW16R (MAP)	900 MSL (CA)	164.33	900
900 MSL	ZERLI (DF) (FO) (RNP 1.00)		2000

**NOTES, (CONT.):**

CHART NOTE: USE OF AP PROVIDING RNAV TRACK GUIDANCE REQUIRED DURING SIMULTANEOUS OPERATIONS.

CHART NOTE: USE OF THIS PROCEDURE REQUIRES SPECIFIC AUTHORIZATION BY FAA FLIGHT STANDARDS.

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

CHART NOTE: FOR INOPERATIVE ALSF, INCREASE RNP 0.15 ALL CATS VISIBILITY TO RVR 5800.

CHART PLANVIEW NOTE AT HEGEM: MAX 230 KIAS UNTIL SEGAW.

CHART PLANVIEW NOTE AT SEGAW: MAX 210 KIAS UNTIL PINTR.

CHART PLANVIEW NOTE AT VASHN: 210 KIAS.

CHART PLANVIEW NOTE AT PPAUL: (RNP 0.15).

CHART SPEED ICON IN PLANVIEW AT GRIFY: 210 KIAS.

QUALITY  
26  
CHECKED

CITY AND STATE

SEATTLE, WA

ELEVATION: 433

TDZE: 415

AIRPORT NAME:

SEATTLE-TACOMA INTL

FACILITY  
IDENTIFIER:  
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (RNP) M RWY 16R, AMDT 2A

SUP:

AMDT: 2

DATED: 11/13/2014

ALL AFFECTED PROCEDURES REVIEWED? <div><input type="checkbox"/> YES</div> <div><input type="checkbox"/> NO</div>		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
COORDINATED WITH:					
ATA <div><input type="checkbox"/></div>		AAT <div><input type="checkbox"/></div>	ALPA <div><input type="checkbox"/></div>	APA <div><input type="checkbox"/></div>	AOPA <div><input type="checkbox"/></div>
NBAA <div><input type="checkbox"/></div>		OTHER (specify) <div><input type="checkbox"/></div> <div></div>			
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME:				FIFO	DATE:
APPROVED BY					
NAME:				FIFO	DATE:
CHANGES:					
REASONS:					

## STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

## PART - A OBSTRUCTION DATA

1. APP SEGMENT	FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.	
FEEDER: RNP 1.00	PAE VOR/DME	AGANE	1. TOWER (53-000084)	474605.00N/1222110.00W	920 (1D)	1000	AC50 AT3030	5000	
			2. TERRAIN	475030.00N/1221709.00W	545 (500)		AS1500	2000	
INITIAL: RNP 0.15	AGANE	CELAKE	3. AAO	474142.00N/1221909.00W	683	1000	AC79 AT2235	4000	
			4. TERRAIN	474142.00N/1221909.00W	483 (500)		AS1500	2000	
INITIAL: RNP 0.15	GRIFY	CELAKE	5. AAO	474248.00N/1222118.00W	666	1000	AC79 AT2235	4000	
			6. TERRAIN	474248.00N/1222118.00W	476 (500)		AS1500	2000	
INTERMEDIATE: RNP 0.15	CELAKE	BUGNE	7. TOWER (53-000500)	473656.35N/1221830.45W	1092 (4D)	500	AT1558 AC50	3200	
			8. TERRAIN	473733.00N/1221851.00W	453 (500)		AS1500	2000	
INTERMEDIATE: STEPDOWN RNP 0.15	BUGNE	WOTIK	9. CRANE (53-000061)	473614.00N/1221925.00W	570 (2D)	500	AC50 AT1180	2300	
			10. TERRAIN	433557.00N/1221833.00W	253 (300)		AS1500	1800	
INTERMEDIATE: RNP 0.15	PPAUL	FERIE	11. AAO	474439.00N/1223015.00W	256	500	AC79 AT4465	5300	
			12. OVER WATER	474219.14N/1222916.54W	0 (0)		AS1500	1500	
INTERMEDIATE: STEPDOWN RNP 0.15	FERIE	HEGEM	13. SHIP	473903.90N/1222729.03W	300 (2C)	500	AC20 AT4180	5000	
			14. OVER WATER	473909.90N/1222729.03W	0 (0)		AS1500	1500	
2. PROCEDURE TURN									
3. MISSED APPROACH	MAP:	DA	ZERLI	25. TOWER (53-000029)	471643.50N/1223046.38W	918 (1D)	1000	2000	
				26. TERRAIN	472303.00N/1222427.00W	453 (500)		AS1500	
	ELEV:	609							
4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT.							
CATEGORY A	1.3 NM	REQUIRED	350	ACTUAL					
CATEGORY B	1.5 NM		450						
CATEGORY C	1.7 NM		450						
CATEGORY D	2.3 NM		550						
CATEGORY E	4.5 NM		550						
5. MINIMUM SAFE ALTITUDES	PRIMARY NAVAID: RW16R								
SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A
360-360	AAO	080/28.6	5362 (2C)	6400					
CITY AND STATE	ELEVATION: 433		FACILITY		PROCEDURE AND AMENDMENT NO:		REGION		
SEATTLE, WA	AIRPORT NAME: SEATTLE-TACOMA INTL		RNAV		RNAV (RNP) M RWY 16R, AMDT 2A		ANM		

PART B - SUPPLEMENTAL DATA										PART C - REMARKS: VDP NOT ESTABLISHED - RNP PROCEDURE.  PRECIPITOUS TERRAIN EVALUATION COMPLETED.  VDP NOT ESTABLISHED- RNP PROCEDURE.  PRECIPITOUS TERRAIN EVALUATION COMPLETED.  NO ADDITIONAL AIRSPACE REQUIRED.  KSEA ASOS ON SERVICE A/24 HOURS.  BACKUP ALTIMETER NOT REQUIRED, RNP PROCEDURE.  VEGETATION USED: 100 FT.  SHIPS 300 FT USED PER PREVIOUS BUILD.  VGSI DATA: 69.3/3.00  OBS #3, 5, 11 IPDS DERIVED.  AUTHORIZATION REQUIRED (AR), FAAO 8260.58 CRITERIA USED; IPDS USED FOR PROCEDURE EVALUATION. IAW 8260.58 VOL 4, PARA 4,0B, USED RNAV MISSED APPROACH TO ALLOW FOR CLIMBING RIGHT TURN.  AVERAGE COLD TEMPERATURE BASED ON A 5 YEAR HISTORY (2009-2013).  ALTITUDE CHARTED AT INITIAL FIXES PER ATC REQUEST.  CRITICAL TEMPERATURES CRITICAL LOW CRITICAL HIGH ACT APTISA DEL TA ISA LOW -6C (22F) 54C (130F) -6C 14.14C -20.14C  CRITICAL LOW TEMP BASED ON ACT. DESCENT RATE: STANDARD TEMP 959, HIGH TEMP 1120. TEMPERATURE LIMITS, DELTA ISA LOW, AND DESCENT VALUES DERIVED FROM AFS-400 CALCULATOR.  TF SEGMENT ALT KIAS KTAS HAA KTW TR BA OTA CRS CHANGE CELAK 4000 210 228.7 3567.5 55 5.30 12.5 1.42 25.92  VKTW USES STANDARD WIND VALUES.  SEGMENT ALT KIAS KTAS HAA VKTW TR BA RAYUU-SEGAW 5000 210 232.2 4567.5 49.9* 2.81 22 HEGEM-SEGAW 5000 230 254.2 4567.5 49.9* 3.15 23 SEGAW-PINTR 3700 210 227.7 3267.5 47.5* 2.280 22  PINTR-WOTIK 3200 210 226.0 2768.5 46.5* 2.81 21  *VKTW OBTAINED FROM MITRE WINDS 99TH PERCENTILE, VEB DATA NOT REQUIRED, INTERMEDIATE ROC EXCEEDS VEB ROC, 230 KIAS MAX USED IN INTERMEDIATE TF SEGMENTS  (HEGEM-SEGAW) 210 KIAS MAX USED IN INTERMEDIATE TF SEGMENTS  (GRIFY-CELAKE, CELAKE-BUGNE, BUGNE-WOTIK, WOTIK-FINKA) AND RF SEGMENTS (RAYUU-SEGAW, SEGAW-PINTR, PINTR-WOTIK) TO MAINTAIN LESS THAN 25 DEG BANK ANGLE, PER LEAD CARRIER.  PROCEDURE FIX VASHN AND GRIFY CONNECTED TO STARS. CONT.
1. COMMUNICATIONS WITH:			2. WEATHER SERVICE			3. ALTIMETER SETTING				
SEA APP CON SEA TOWER ZSE ARTCC				N W S	OTHER: ASOS		SOURCE:KSEA			
				F A A			DISTANCE:			
				A / C			HOURS REMOTE OPERATION:			
SATISFACTORY ON:										
X	V H F	X	U H F		H F	LOCATION: KSEA			ADJUSTMENT: 0	
4. MONITOR STATUS	PRIMARY NAVAID:									
	MONITOR POINT:									
	HRS	CAT 1								
	OPTN:	CAT 3								
5. APPROACH & RUNWAY LIGHTING	X	ALSF-2 16C, 16L, 16R								
		(S) SALS								
	X	MALSR 34C, 34L, 34R								
	X	HIRL 16C, 16L, 16R, 34C, 34L, 34R								
		MIRL								
		REIL								
	X	TDZ 16C, 16L, 16R, 34R								
	X	C/L 16C, 16L, 16R, 34C, 34L, 34R								
	X	OTHER (SPECIFY) PAPI-4R 16R PAPI-4L 16C, 16L, 34C, 34L, 34R								
6. RUNWAY MARKINGS		BASIC								
		ALL WEATHER PIR-G 16C, 16L, 16R, 34C, 34L, 34R								
		INSTRUMENT								
7. RUNWAY VISUAL RANGE		APPROACH 16C, 16L, 16R, 34C, 34L, 34R								
		MIDFIELD 16C, 16L, 16R, 34C, 34L, 34R								
		ROLL OUT 16C, 16L, 16R, 34C, 34L, 34R								
8. GLIDE PATH		GP ANGLE: 3.00				ELEV RWY THRESHOLD:415.0				
		DISTANCE FROM RWY:				ELEV GP ANTENNA:				
						THRESHOLD CROSSING HEIGHT:54.9				
9. FINAL APPROACH COURSE AIMING			X	RUNWAY THRESHOLD					FT. FROM THRESHOLD	
			X	ON CENTERLINE					FT. FROM CENTERLINE	
10. WAIVERS: 1 ORDER 8260.58, VOLUME 6, PARAGRAPH 1.2.1; WAIVER REQUIRED TO ALLOW RF BANK ANGLE IN EXCESS OF 20 DEGREES WHEN RNP VALUE IS LESS THAN 1.0. ORDER 8260.58, VOLUME 5, PARAGRAPH 2.4; TABLE 2-1 MAXIMUM INTERMEDIATE SEGMENT DESCENT GRADIENT SHALL BE EQUAL TO FINAL SEGMENT GRADIENT. ORDER 8260.58, VOLUME 5, PARAGRAPH 1.3; PUBLISH SINGLE LINE OF MINIMA OF RNP 0.15, BUT NOT TO INCLUDE RNP 0.30 MINIMA. ORDER 8260.19E, CHG 2, PARA 8-54M(7)(D); WAIVER REQUIRED TO CHANGE NOTE TO: USE OF AP PROVIDING RNAV TRACK GUIDANCE REQUIRED DURING SIMULTANEOUS OPERATIONS.										
PART D - PREPARED BY: PHILLIP BRANDENBURG						DATE: 07/18/2017				
TITLE: AERONAUTICAL INFORMATION SPECIALIST						OFFICE: AJV-5412				



## STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

## PART - A OBSTRUCTION DATA

1. APP SEGMENT	FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.
INTERMEDIATE: STEPDOWN	HEGEM	SEGAW	15. SHIP	474219.14N/1222311.44W	300 (2C)	500	AC20 AT2880	3700
RNP 0.15			16. OVER WATER	474219.14N/1222311.44W	0 (0)		AS1500	1500
INTERMEDIATE: RNP 0.15	VASHN	RAYUU	17. SHIP	473336.88N/1222722.05W	300 (2C)	500	AC20 AT4180	5000
			18. OVER WATER	473336.88N/1222722.05W	0 (0)		AS1500	1500
INTERMEDIATE: STEPDOWN	RAYUU	SEGAW	15. SHIP	473633.14N/1222311.44W	300 (2C)	500	AC20 AT2880	3700
RNP 0.15			16. OVER WATER	473633.14N/1222311.44W	0 (0)		AS1500	1500
INTERMEDIATE: STEPDOWN	SEGAW	PINTR	15. SHIP	473633.14N/1222311.44W	300 (2C)	500	AC20 AT2380	3200
RNP 0.15			19. OVER WATER	473615.00N/1222230.00W	0 (0)		AS1500	1500
INTERMEDIATE: STEPDOWN	PINTR	WOTIK	20. POLE (53-001121)	473409.44N/1221831.98W	437 (5E)	500	AC125 AT1238	2300
RNP 0.15			21. TERRAIN	473354.00N/1221836.00W	350 (400)		AS1500	1900
INTERMEDIATE: STEPDOWN	WOTIK	FINKA	22. POLE (53-021411)	473355.68N/1221839.44W	392 (5E)	500	AC125 AT883	1900
RNP 0.15			23. TERRAIN	473327.00N/1221836.00W	348 (300)		AS1500	1800
FINAL: RNP 0.15	FINKA	RW16R	24. TREE	472829.77N/1221928.45W	549 (2C)	20.75:1	AC20	770/355
3. MISSED APPROACH	MAP:							
	ELEV:							
4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT.						
CATEGORY A	1.3 NM	REQUIRED	350	ACTUAL				
CATEGORY B	1.5 NM		450					
CATEGORY C	1.7 NM		450					
CATEGORY D	2.3 NM		550					
CATEGORY E	4.5 NM		550					
5. MINIMUM SAFE ALTITUDES				PRIMARY NAVAID:				
SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)
CITY AND STATE	ELEVATION: 433		FACILITY		PROCEDURE AND AMENDMENT NO:			REGION
SEATTLE, WA	AIRPORT NAME: SEATTLE-TACOMA INTL		RNAV		RNAV (RNP) M RWY 16R, AMDT 2A			19 ANN

PART B - SUPPLEMENTAL DATA										PART C - REMARKS: <b>CONTINUED.</b>  RNP 0.15: OCS SLOPE=20.75:1, ORIGIN=2527 FT  APPROVAL LETTER FOR TWO AIRSPEEDS, HEGEM (230) AND SEGAW (210).		
1. COMMUNICATIONS WITH:				2. WEATHER SERVICE			3. ALTIMETER SETTING					
SATISFACTORY ON:					N W S	OTHER:		SOURCE:				
					F A A			DISTANCE:				
					A / C			HOURS REMOTE OPERATION:				
	V H F		U H F		H F	LOCATION:			ADJUSTMENT:			
4. MONITOR STATUS		PRIMARY NAVAID:										
		MONITOR POINT:										
		HRS OPTN:	CAT 1									
			CAT 3									
5. APPROACH & RUNWAY LIGHTING										ALS		
										(S) SALS		
										MALS		
										HIRL		
										MIRL		
										REIL		
										TDZ		
										C/LINE		
6. RUNWAY MARKINGS										BASIC		
										ALL WEATHER		
										INSTRUMENT		
7. RUNWAY VISUAL RANGE										APPROACH		
										MIDFIELD		
										ROLL OUT		
8. GLIDE PATH		GP ANGLE:					ELEV RWY THRESHOLD:					
		DISTANCE FROM RWY:					ELEV GP ANTENNA:					
							THRESHOLD CROSSING HEIGHT:					
9. FINAL APPROACH COURSE AIMING					RUNWAY THRESHOLD					FT. FROM THRESHOLD		
					ON CENTERLINE					FT. FROM CENTERLINE		
10. WAIVERS:												
PART D - PREPARED BY:										DATE:		
TITLE:										OFFICE:		





[illegible]

PART B - SUPPLEMENTAL DATA										PART C - REMARKS:		
1. COMMUNICATIONS WITH:				2. WEATHER SERVICE			3. ALTIMETER SETTING					
SATISFACTORY ON:					N W S		OTHER:		SOURCE:			
					F A A				DISTANCE:			
					A / C				HOURS REMOTE OPERATION:			
	V H F		U H F		H F	LOCATION:			ADJUSTMENT:			
4. MONITOR STATUS		PRIMARY NAVAID:										
		MONITOR POINT:										
		HRS	CAT 1									
	OPTN:	CAT 3										
5. APPROACH & RUNWAY LIGHTING		ALS										
		(S) SALS										
		MALS										
		HIRL										
		MIRL										
		REIL										
		TDZ										
		C/LINE										
6. RUNWAY MARKINGS		BASIC										
		ALL WEATHER										
		INSTRUMENT										
7. RUNWAY VISUAL RANGE		APPROACH										
		MIDFIELD										
		ROLL OUT										
8. GLIDE PATH		GP ANGLE:					ELEV RWY THRESHOLD:					
		DISTANCE FROM RWY:					ELEV GP ANTENNA:					
		THRESHOLD CROSSING HEIGHT:										
9. FINAL APPROACH COURSE AIMING					RUNWAY THRESHOLD					FT. FROM THRESHOLD		
					ON CENTERLINE					FT. FROM CENTERLINE		
10. WAIVERS:												
PART D - PREPARED BY:										DATE:		
TITLE:										OFFICE:		