

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33			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										MISSED APPROACH						
FROM		TO		COURSE AND DISTANCE			ALTITUDE		LP: RW27 LNAV: RW27							
TAZHU (IF/IAF)		USEPE (FB)		273.12 / 6.00			2700		CLIMB TO 3100 DIRECT PULPE AND HOLD.							
USEPE (FAF)		BUMLE/3.00 NM TO RW27 (FB)		273.03 / 2.20												
BUMLE/3.00 NM TO RW27		RW27 (MAP) (FO)		273.03 / 3.00												
RW27 (MAP)		1284 MSL		273.03												
1284 MSL		PULPE (FO)					3100		ADDITIONAL FLIGHT DATA: HOLD W, RT, 092.79 INBOUND. CHART FAS OBST: 1396 TOWER 400201N/0822407W CHART 1495 TOWER 400145N/0822216W. CHART VDP AT 2.28 MILES TO RW27 WAAS CHANNEL # 97439 REFERENCE PATH ID: W27A USEPE TO RW27: 3.25/35. CHART CIRCLING ICON. LTP HAE: 231 M							
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)										MAG VAR: 6W EPOCH YEAR: 1990						
2. HOLD E TAZHU, RT, 273.12 INBOUND, 3000 FT. IN LIEU OF PT (IAF)																
3. FAC: 273.03 FAF: USEPE DIST FAF TO MAP: 5.20 THLD: 5.20																
4. MIN. ALT: TAZHU 3000, USEPE 2700, BUMLE/3.00 NM TO RW27 1940																
5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____																
6. MIN GS INCPT: _____ GS ALT AT: _____ OM: _____ MM: _____ IM: _____																
7. GS ANGLE: _____ TCH: 34:1 IS NOT CLEAR																
8. MSA FROM: _____																
MINIMUMS																
TAKEOFF: SEE FAA 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	
LP MDA	1680	1	801	1680	1 1/4	801	1680	2 1/2	801	1680	2 1/2	801				
LNAV MDA	1700	1	821	1700	1 1/4	821	1700	2 1/2	821	1700	2 1/2	821				
CIRCLING	1700	1 1/4	816	1700	1 1/4	816	1760	2 1/2	876	1760	2 3/4	876				
NOTES: CHART NOTE: NIGHT LANDING: RWY 9 NA. CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}). (CONTINUED ON PAGE 2)																
CITY AND STATE NEWARK, OH		ELEVATION: 884 TDZE: 879 AIRPORT NAME: NEWARK-HEATH			FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 27, AMDT 1					SUP: GPS RWY 27 AMDT: ORIG-A DATED 04/22/1999				



ALL AFFECTED PROCEDURES REVIEWED? <div><input checked="" type="checkbox"/> YES</div> <div><input type="checkbox"/> NO</div>		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
ROUTINE					
COORDINATED WITH:					
ATA <div><input checked="" type="checkbox"/></div>		AAT <div><input type="checkbox"/></div>		ALPA <div><input type="checkbox"/></div>	
APA <div><input type="checkbox"/></div>		AOPA <div><input checked="" type="checkbox"/></div>		NBAA <div><input checked="" type="checkbox"/></div>	
OTHER (specify) <div><input checked="" type="checkbox"/> ZID, CMH ATCT, AIRPORT MANAGER</div>					
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME: <div>THOMAS L KIRKPATRICK</div>				FIFO AJV-5422	DATE: 04/06/2016
APPROVED BY      Apr 06, 2016					
NAME: <div>GEORGE GONZALEZ</div>				FIFO AJV-5420	DATE:
MANAGER					
CHANGES:					
<div>1. NAME CHANGED FROM GPS RWY 27 TO RNAV (GPS) RWY 27. 2. REMOVED MSA AND ALL FEEDERS/INITIALS AND ADDED TAA'S 3. CHANGED TAZHU TO USEPE DISTANCE FROM 5 DME TO 6 DME. 4. CHANGED DIST FAF TO MAP/THLD FROM - / 6.00 TO 5.20/5.20 5. MOVED STEPDOWN FIX FROM 2.5 DME TO 3.00 DME AND NAMED IT BUMLE. 6. REMOVED S-27 LINE OF MINS AND ADDED LP AND LNAV. 7. CHANGED CIRCLING CAT A/B MDA/HAA FROM 1720/836 TO 1700/816, AND CAT C/D MDA/HAA FR 1720/836 TO 1760/876. ALL CIRCLING VISIBILITIES UPDATED TO NEW VISI TABLE. 8. ADDED CIRCLING ICON. 9. ADDED REQUIRED CHART NOTES. 10. MADE NIGHT LANDING RWY 9 NA. 11. ADDED VDP. 12. CHANGED MISSED APPROACH FROM A CLIMBING RIGHT TURN TO APE VORTAC TO A CLIMB TO 3100 DIRECT PULPE. 13. ADDED VDA. (SEE FORM 8260-10)</div>					
REASONS:					
<div>1. CRITERIA. 2. ATC REQUEST FOR TAA 3. TAZHU AND USEPE MOVED AS RESULT OF NEW PFAF LOCATION. 4. MOVED TO PFAF LOCATION. 5. REQUIREMENT FOR NAMING AND TO PLACE IN OPTIMUM POSITION ON VDA. 6. LP AND LNAV MINIMUMS DEVELOPED. 7, 8. NEW CIRCLING CRITERIA APPLIED. 9. CRITERIA. 10. VAAR SURFACE PENETRATED. 11. 20:1 SURFACE CLEAR. 12. CHANGED AT ATC REQUEST. 13. REQUIREMENT. 14. NOT COINCIDENT. 15. 34:1 VISUAL SURFACE PENETRATED. (SEE FORM 8260-10)</div>					



US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION  
RNAV - STANDARD  
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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NOTES, (CONT.):

CHART NOTE: VDP NA WHEN USING PORT COLUMBUS INTL ALTIMETER SETTING.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PORT COLUMBUS INTL ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET; INCREASE CIRCLING CAT C/D VISIBILITY 1/4 MILE.

TAA

	FROM	TO	ALT
1.	183/30 CW 003/30 (NOPT)	TAZHU (IF/IAF) (FB)	3000
2.	003/30 CW 183/30	TAZHU (IAF) (FO)	3000

QUALITY  
6  
CHECKED

CITY AND STATE  
NEWARK, OH

ELEVATION: 884 TDZE: 879  
AIRPORT NAME:  
NEWARK-HEATH

FACILITY  
IDENTIFIER:  
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:  
RNAV (GPS) RWY 27, AMDT 1

SUP: GPS RWY 27  
AMDT: ORIG-A  
DATED: 04/22/1999

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>		
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME:				FIFO	DATE:
APPROVED BY					
NAME:				FIFO	DATE:
CHANGES: CHANGES CONT. 14. ADDED VGSI NON-COINCIDENT NOTE. 15. ADDED HELICOPTER VIS REDUCTION NOTE.					
REASONS: REASONS CONT.  PDF EDIT: IN ADDITIONAL FLIGHT DATA: REMOVED *LNAV ONLY. CHANGED SUP DATE FROM 03/27/1997 TO 04/22/1999 ON PAGE 1, 2, & 3.					



**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE  
FLIGHT STANDARDS SERVICE - FAR PART 97.33**

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**FAS DATA BLOCK INFORMATION****DATA FIELD****DATA**

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KVTA
RUNWAY	RW27
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W27A
LTP/FTP LATITUDE	400129.9900N
LTP/FTP LONGITUDE	0822712.6985W
LTP/FTP ELLIPSOIDAL HEIGHT	+02310
FPAP LATITUDE	400125.2450N
FPAP LONGITUDE	0822908.5180W
THRESHOLD CROSSING HEIGHT (TCH)	00035.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.25
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1336
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0

**CRC REMAINDER**

08C95839

**ADDITIONAL PATH POINT RECORD INFORMATION**

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02651
FPAP ORTHOMETRIC HEIGHT	+02651

QUALITY  
6  
CHECKED

CITY AND STATE

NEWARK, OH

ELEVATION: 884

TDZE: 879

AIRPORT NAME:

NEWARK-HEATH

FACILITY  
IDENTIFIER:  
RNAVPROCEDURE NO./AMDT NO./EFFECTIVE DATE:  
RNAV (GPS) RWY 27, AMDT 1

SUP: GPS RWY 27

AMDT: ORIG-A

DATED: 04/22/1999

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>			
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME:				FIFO	DATE:
APPROVED BY					
NAME:				FIFO	DATE:
CHANGES:					
REASONS:					

**U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION**  
**RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE**  
**FLIGHT STANDARDS SERVICES - TITLE 14 CFR PART 97.33**

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ARINC SUMMARY - KVTa

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
TAZHU	010	TAZHU	HF	FO		273.1			R			AA 03000		EE A
	010	TAZHU	IF	FB								AA 03000		E I
	020	USEPE	TF	FB	1.0	273.1						AA 02700		E F
	021	BUMLE	TF	FB	0.3	273.0		3.25				AA 01940 GS 01940		E S
	030	RW27	TF	FO	0.3	273.0		3.25				AT 01005		GY M
	040		CA	FB		273.0						AA 01284		M
	050	PULPE	DF	FO								AA 03100		EY
	060	PULPE	HM	FO		092.8			R			AA 03100		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
BUMLE	N400139.48	W0822318.71
PULPE	N400051.26	W0824235.89
TAZHU	N400204.75	W0821238.83
USEPE	N400146.36	W0822026.90

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW27	N400129.99	W0822712.70	00870	35

QUALITY  
6  
CHECKED

CITY AND STATE <b>NEWARK, OH</b>	ELEVATION: <b>884</b> TDZE: <b>879</b>	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP: <b>GPS RWY 27</b>
	AIRPORT NAME: <b>NEWARK-HEATH</b>	<b>RNAV</b>	<b>RNAV (GPS) RWY 27, AMDT 1</b>	AMDT: <b>ORIG-A</b>
				DATED: <b>04/22/1999</b>

ALL AFFECTED PROCEDURES REVIEWED? <input type="checkbox"/> YES <input type="checkbox"/> NO		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
COORDINATED WITH: <div>ATA<input type="checkbox"/>    AAT<input type="checkbox"/>    ALPA<input type="checkbox"/>    APA<input type="checkbox"/>    AOPA<input type="checkbox"/>    NBAA<input type="checkbox"/>    OTHER (specify) <input type="checkbox"/> _____</div>					
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME:				NFPG	DATE:
APPROVED BY					
NAME:				NFPG	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.		
STRAIGHT-IN AREA		183/30 CW 003/30	TAZHU	1. TOWER (39-002875)	401131.92N/0821521.72W	1652 (1A)	1000	AT348	3000		
				2. TERRAIN	403354.00N/0821412.00W	1365 (1400)		AS1500	2900		
STRAIGHT-IN AREA		003/30 CW 183/30	TAZHU	3. TOWER (39-002817)	402015.22N/0823912.49W	1721 (2C)	1000	AT279	3000		
				4. TERRAIN	402233.00N/0823636.00W	1421 (1400)		AS1500	2900		
INTERMEDIATE		TAZHU (IF/IAF)	USEPE	5. TOWER (39-003939)	400401.29N/0821457.09W	1392 (4D)	500		1900		
				6. TERRAIN	400000.00N/0821815.00W	1188 (1200)		AS1500	2700		
FINAL: LP		USEPE	BUMLE/3.00 NM TO RW27	7. TOWER (39-002058)	400145.00N/0822216.00W	1495 (5E)	250	AC125 RA56	1940		
FINAL: LP STEPDOWN		BUMLE/3.00 NM TO RW27	RW27	8. TOWER (39-000102)	400201.00N/0822407.00W	1396 (1D)	250	AC50 SA-16	1680		
FINAL: LNAV		USEPE	BUMLE/3.00 NM TO RW27	7. TOWER (39-002058)	400145.00N/0822216.00W	1495 (5E)	250	AC125 RA56	1940		
FINAL: LNAV STEPDOWN		BUMLE/3.00 NM TO RW27	RW27	8. TOWER (39-000102)	400201.00N/0822407.00W	1396 (1D)	250	AC50	1700		
2. HOLD-IN-LIEU-OF-PT		TAZHU	P-5	9. AAO	395912.00N/0821612.00W	1414 (4D)	1000	AT586	3000		
				10. TERRAIN	395912.00N/0821612.00W	1214 (1200)		AS1500	2700		
3. MISSED APPROACH	MAP:	RW27 / RW27	PULPE				ASC		3100		
	ELEV:	1580/1600		11. AAO	400251.37N/0824026.89W	1435 (2C)	1000		2500		
				12. TERRAIN	400251.37N/0824026.89W	1235 (1200)		AS1500	2700		
4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT.									
CATEGORY A	1.3 NM	REQUIRED	350	ACTUAL	816	13. TREE (KVTAT0637)	400111.87N/0822538.12W	1125 (1A)	300	SI	1700
CATEGORY B	1.5 NM		450		816	14. TREE (KVTAT0758)	400130.40N/0822505.17W	1179 (1A)	300	SI	1700
CATEGORY C	1.7 NM		450		876	8. TOWER (39-000102)	400201.00N/0822407.00W	1396 (1D)	300	AC50	1760
CATEGORY D	2.3 NM		550		876	15. TOWER (39-000658)	400052.64N/0822240.15W	1448 (1A)	300		1760
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)	M S A		
CITY AND STATE		ELEVATION: 884		FACILITY		PROCEDURE AND AMENDMENT NO:		REGION			
NEWARK, OH		AIRPORT NAME: NEWARK-HEATH		RNAV		RNAV (GPS) RWY 27, AMDT 1		AGL			

QUALITY  
6  
CHECKED

PART B - SUPPLEMENTAL DATA									
1. COMMUNICATIONS WITH:				2. WEATHER SERVICE			3. ALTIMETER SETTING		
CMH APP CON ZID ARTCC DAY FSS					N W S	OTHER: ASOS		SOURCE:KVTA / KCMH	
					F A A			DISTANCE: 0 / 19.86	
					A / C			HOURS REMOTE OPERATION: 0 / 24	
SATISFACTORY ON:									
X	V H F	X	U H F		H F	LOCATION: KVTA			ADJUSTMENT: 0 / 56
4. MONITOR STATUS		PRIMARY NAVAID:							
		MONITOR POINT:							
		HRS OPTN:	CAT 1						
			CAT 3						
5. APPROACH & RUNWAY LIGHTING		ALS							
		(S) SALS							
		MALS							
		HIRL							
		X	MIRL 09 (PCL), 27 (PCL)						
		X	REIL 09 (PCL), 27 (PCL)						
		TDZ							
		C/LINE							
		X	OTHER (SPECIFY) PAPI-4L 09 PAPI-4R 27						
6. RUNWAY MARKINGS		BASIC							
		ALL WEATHER							
		INSTRUMENT NPI-F 09, 27							
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			X	RUNWAY THRESHOLD					FT. FROM THRESHOLD
			X	ON CENTERLINE					FT. FROM CENTERLINE
10. WAIVERS: NONE									
PART D - PREPARED BY: THOMAS L KIRKPATRICK						DATE: 04/06/2016			
TITLE: AERONAUTICAL INFORMATION SPECIALIST						OFFICE: AJV-5422			

PART C - REMARKS:	
PRECIPITOUS TERRAIN EVALUATION COMPLETED.	
KVTA/KCMH ASOS ON SERVICE A.	
LPV AND LNAV/VNAV NOT DEVELOPED DUE TO EXCESSIVE DA/HAT'S	
ORDER 8260.3, VOLUME 1, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED. CAT A: 1.30NM CAT B: 1.84NM CAT C: 2.89NM CAT D: 3.77NM	
SEE ATTACHED AIRSPACE LETTER. RASS PRESSURE PATTERNS SAME KVTA 884, KCMH 815 RA = 55.4.	
ORDER 8260.3, VOLUME 1, "VISUAL PORTION OF FINAL" PENETRATIONS: 34:1 (RW27) 1150 TREE (KVTAT0685) 400138.32N/0822524.08W (36.59) 1151 TREE (KVTAT0697) 400139.47N/0822522.16W (33.03) 1151 TREE (KVTAT0707) 400138.27N/0822520.27W (28.90) 1146 TREE (KVTAT0699) 400140.74N/0822521.85W (27.12) 1150 TREE (KVTAT0709) 400140.21N/0822519.78W (26.47) 1179 TREE (KVTAT0758) 400130.40N/0822505.17W (23.63) 1135 TREE (KVTAT0689) 400122.60N/0822522.07W (19.47) 1168 TREE (KVTAT0748) 400129.70N/0822506.85W (16.58) 1143 TREE (KVTAT0718) 400141.28N/0822518.56W (16.52) 1127 TREE (KVTAT0678) 400139.50N/0822525.21W (15.99) 1177 TREE (KVTAT0773) 400132.76N/0822502.40W (14.93) 1172 TREE (KVTAT0766) 400131.23N/0822504.24W (14.37) 1139 TREE (KVTAT0715) 400139.46N/0822518.75W (13.24) 1131 TREE (KVTAT0696) 400136.71N/0822521.98W (13.05) 1163 TREE (KVTAT0746) 400128.57N/0822507.18W (12.51) 1134 TREE (KVTAT0706) 400141.54N/0822520.70W (12.37) 1121 TREE (KVTAT0674) 400137.60N/0822525.87W (11.80) 939 TREE (KVTAT0517) 400128.96N/0822644.85W (11.61) 1165 TREE (KVTAT0752) 400131.68N/0822505.84W (10.96) 1122 TREE (KVTAT0679) 400122.23N/0822523.74W (10.34) 1132 TREE (KVTAT0708) 400122.36N/0822518.73W (8.87) 1169 TREE (KVTAT0769) 400129.92N/0822502.96W (8.65) 953 TREE (KVTAT0526) 400126.75N/0822637.19W (8.46) 949 TREE (KVTAT0525) 400128.78N/0822638.49W (7.11) 1162 TREE (KVTAT0757) 400132.70N/0822505.49W (7.00) 1169 TREE (KVTAT0772) 400131.04N/0822502.29W (6.95) 1138 TREE (KVTAT0726) 400121.43N/0822514.75W (5.92) 1119 TREE (KVTAT0686) 400123.55N/0822522.95W (5.33) 1143 TREE (KVTAT0734) 400123.26N/0822512.32W (5.09) 1132 TREE (KVTAT0720) 400122.32N/0822517.00W (4.93) 1139 TREE (KVTAT0730) 400122.57N/0822513.92W (4.85) 1142 TREE (KVTAT0733) 400124.24N/0822512.52W (4.39) 931 TREE (KVTAT0518) 400130.84N/0822644.70W (2.97) 1111 TREE (KVTAT0675) 400122.85N/0822524.74W (1.53) 1116 TREE (KVTAT0687) 400140.90N/0822523.61W (1.12) 1143 TREE (KVTAT0739) 400125.43N/0822510.72W (1.09) 1147 TREE (KVTAT0741) 400127.88N/0822508.95W (0.66)	
ORDER 8260.3, VOLUME 1, "VISUAL PORTION OF FINAL" PENETRATIONS: 20:1 (RW09) 898 RD (N) (KVTAT0209) 400125.29N/0822812.02W (2.48)	

QUALITY  
6  
CHECKED