

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
ILS STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29

Bearings, headings, courses, tracks 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 feet RVR.

<u>AIRPORT</u> WILKES-BARRE/SCRANTON INTL	<u>AIRPORT ID</u> KAVP	<u>PROCEDURE NAME</u> ILS OR LOC RWY 22	<u>ORIGINAL/AMENDMENT</u> 10	<u>CITY</u> WILKES-BARRE/SCRANTON	<u>STATE</u> PA
<u>AIRPORT ELEVATION</u> 962	<u>TDZE</u> 933	<u>SUPERSEDED</u> ILS OR LOC/DME RWY 22	<u>ORIGINAL/AMENDMENT</u> 9	<u>DATED</u> 06/25/2015	<u>MAG VAR</u> 11W
<u>FACILITY</u> I-IZK	<u>COORDINATES OF FACILITIES</u> 411953.62N / 0754349.02W	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 1980

TERMINAL ROUTES

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
LVZ VORTAC		COSBY/I-IZK 11.56 DME					030.58	14.71	4000
COSBY/I-IZK 11.56 DME	IF/IAF	JULUT/I-IZK 8.15 DME					225.37	3.42 (I-IZK)	3200
JULUT/I-IZK 8.15 DME		WEXIN/I-IZK 5.99 DME					225.37	2.15 (I-IZK)	2800

MISSED APPROACH

MAP:

ILS: DA
LOC: FELDI/I-IZK 0.22 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1900 THEN CLIMBING RIGHT TURN TO 4000 ON HEADING 330 AND LVZ VORTAC R-320 TO LOPEZ/LVZ 15.99 DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF (IAF)**
- HOLD NE COSBY, RT, 225.37 INBOUND, 4000 FT. IN LIEU OF PT (IAF), MAX 5400.
- FAC:** 225.37 **FAF:** WEXIN/I-IZK 5.99 DME **DIST FAF TO MAP:** **DIST FAF TO THLD:** 5.79
- MIN ALT:** COSBY/I-IZK 11.56 DME 4000, JULUT/I-IZK 8.15 DME 3200, WEXIN/I-IZK 5.99 DME 2800, XAGKE/I-IZK 2.71 DME 1740*
- DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **GS ANT:** 860
- MIN GS INCPT:** 2800 **GS ALT AT FAF :** WEXIN/I-IZK 5.99 DME 2800 **OM:** **MM:** **IM:**
- GP ANGLE:** 3.00 **34:1:** **20:1:** **TCH:** 45.7
- MSA FROM:** LVZ VORTAC 4000

EQUIPMENT REQUIREMENTS NOTES:

RADAR OR DME REQUIRED FOR PROCEDURE ENTRY.
DME REQUIRED.



NOTES:

CHART NOTE: CIRCLING NA FOR CATS C AND D SE OF RWY 4-22.
CHART NOTE: CIRCLING RWY 28 NA AT NIGHT.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, PROCEDURE NA.
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

ADDITIONAL FLIGHT DATA:

CHART LVZ 14.71 DME AT COSBY.
CHART CIRCLING ICON.
CHART PLANVIEW NOTE: LOC OFFSET 1.67 DEGREES.
CHART VDP AT 1.63 DME*
DISTANCE VDP TO THLD 1.42 NM
* LOC ONLY
CHART FAS OBST: 1159 TREE 412243N/0754048W.
FAC CROSSES RWY C/L EXTENDED 2962 FT FROM THLD.
HOLD NW, RT, 139.81 INBOUND

MINIMUMS:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA ☐ ILS: STANDARD; LOC: CAT A 900-2, CAT B 1100-2, CAT C 1100-3, CAT D 1400-3

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
S-ILS 22	1201	4500	268	1201	4500	268	1201	4500	268	1201	4500	268			
S-LOC 22	1420	5500	487	1420	5500	487	1420	1 3/8	487	1420	1 3/8	487			
CIRCLING	1840	1 1/4	878	1980	1 1/2	1018	1980	3	1018	2280	3	1318			

CHANGES - REASONS

1. UPDATED JULUT DME DISTANCE FROM 8.14 TO 8.15 DME - UPDATED SURVEY DATA.
2. UPDATED WEXIN DME DISTANCE FROM 5.97 TO 5.99 DME - UPDATED SURVEY DATA AND FIX MOVED 111.72 FEET NORTHEAST.
3. UPDATED JULUT TO WEXIN DISTANCE FROM 2.17 TO 2.15 DME - WEXIN MOVED 0.02 NM (111.72 FEET) NORTHEAST.
4. CHANGED LOPEZ MISSED HOLDING RADIAL FROM 139.82 TO 139.81 INBOUND - ALIGNED PATTERN WITH LVZ VORTAC RADIAL.
5. UPDATED FAS OBSTACLE LAT/LONGS FROM 412239N/0754048W TO 412243N/0754048W - MAP STUDY.
6. UPDATED VDP FROM VDP AT 1.70 DME AND DISTANCE VDP TO THLD 1.50 MILES TO CHART VDP AT 1.63 DME AND DISTANCE VDP TO THLD 1.42 NM - IAW 8260.3 FORMULA 2-6-5.
7. UPDATED LOC OFFSET VALUE FROM 1.66 DEGREES TO 1.67 DEGREES - UPDATED SURVEY, MOVED FAF, AND RECALCULATED ALIGNMENT.
8. UPDATED FAC CROSSES RWY C/L EXTENDED FROM THLD FROM 3000 TO 2962 - RELOCATED WEXIN (FAF) 111.72 FEET.
9. ADDED TO LINE 2 MAX ALTITUDE FOR HOLD-IN-LIEU 5400 - IAW 8260.19H PARA 8-6-7 B (2).
10. DISTANCE FROM FAF TO THLD CHANGED FROM 5.77 TO 5.79 - RELOCATED WEXIN 111.72 FEET NORTHEAST AND FELDI (MAP) 2.16 FEET SOUTH.
11. UPDATED ILS TCH FROM 51.7 TO 45.7 - UPDATED SURVEY DATA.
12. DELETED CHART NOTES DME REQUIRED AND DME OR RADAR REQUIRED AND ADDED EQUIPMENT REQUIREMENTS NOTES RADAR OR DME REQUIRED FOR PROCEDEURE ENTRY AND DME REQUIRED - 8260.19H PARA 8-6-8 A.
13. CHANGED CHART NOTE: NIGHT LANDING RWY 10, 28 NA TO CIRCLING RWY 28 NA AT NIGHT - 8260.19H PARA 8-6-11 O 2(G).
14. PROCEDURE NAME CHANGED FROM ILS OR LOC/DME RWY 22 TO ILS OR LOC RWY 22 - IAW 8260.3 PARA 1-6-2.



AIRPORT

WILKES-BARRE/SCRANTON INTL

AIRPORT ID

KAVP

PROCEDURE NAME

ILS OR LOC RWY 22

ORIGINAL/AMENDMENT

10

CITY

WILKES-BARRE/SCRANTON

STATE

PA

COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☒ HAI ☐ NBAA ☒ OTHER: ZNY, AVP APP CON, AVP ATCT, AMGR, ATA

FLIGHT CHECKED BY

OFFICE

DATE

DEVELOPED BY

FRANK JACKSON JR

Digitally signed by
FRANK JACKSON
Apr 01, 2019

OFFICE

AJV-A431

DATE

03/26/2019

APPROVED BY

LONNIE EVERHART

OFFICE

AJV-A430

DATE

TITLE

MANAGER

QUALITY
10
CHECKED

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

AIRPORT	AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
WILKES-BARRE/SCRANTON INTL	KAVP	ILS OR LOC RWY 22	10	WILKES-BARRE/SCRANTON	PA	962	I-IZK

PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

FROM
LVZ VORTAC

TO
COSBY/I-IZK 11.56 DME

RNP	DISTANCE 14.71	PAT	MAP	HAT	HMAS							
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
1.AAO	412821.00N/0752942.00W		2448	164	98	4E	2000				MT-448	4000
2.TERRAIN	412821.00N/0752942.00W		2248 (2200)								AS1500	3700

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:

INTERMEDIATE

FROM
COSBY/I-IZK 11.56 DME (IF/IAF)

TO
JULUT/I-IZK 8.15 DME

RNP	DISTANCE 3.42	PAT	MAP	HAT	HMAS							
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
3.AAO	412809.00N/0752951.00W		2431	164	98	4E	500				AC98 AT171	3200
4.TERRAIN	412754.00N/0753012.00W		2146 (2100)								AS1000	3100

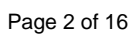
COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:



XP: DUE TO OFFSET FINAL AND TO RETAIN CURRENT MINIMUMS.



MISSED APPROACH : LOC

FROM

FELDI/I-IZK 0.22 DME

TO

LOPEZ/LVZ 15.99 DME

RNP	DISTANCE	PAT	MAP	HAT			HMAS				
							1170				
OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				4000
11.AAO	412412.10N/0754507.46W	1979	50	20	2C	1000					3000
12.TERRAIN	412412.10N/0754507.46W	1779 (1800)								AS1500	3300

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:

CIRCLING

☐ ALL CATS

☒ CAT A

☒ CAT B

☒ CAT C

☒ CAT D

☐ CAT E

☐ NOT AUTHORIZED

OBSTRUCTION	COORDINATES	RADIUS	HAA	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
CATEGORY A											
13.TREE	412005.00N/0754121.49W	1.30	878	1539	50	20	2C	300			1840
CATEGORY B											
14.TREE	412013.95N/0754032.00W	1.84	1018	1679	50	20	2C	300			1980
CATEGORY C											
15.TREE	412234.15N/0754623.52W	2.89	1018	1599	50	20	2C	300		XP81	1980
CATEGORY D											
11.AAO	412412.10N/0754507.46W	3.81	1318	1979	50	20	2C	300			2280

CIRCLING REMARKS:

XP81: MATCH HIGHER CAT B CMDA



<u>AIRPORT</u> WILKES-BARRE/SCRANTON INTL		<u>AIRPORT ID</u> KAVP	<u>PROCEDURE NAME</u> ILS OR LOC RWY 22	<u>AMD'T NO.</u> 10	<u>CITY</u> WILKES-BARRE/SCRANTON	<u>STATE</u> PA	<u>AIRPORT ELEVATION</u> 962	<u>FACILITY</u> I-IZK
1578 TREE (42-088688) 412011.75N/0754038.96W (147.11)	1576 TREE (42-088678) 412012.76N/0754039.21W (146.22)							
1579 TREE (42-088525) 412009.44N/0754038.48W (145.92)	1576 TREE (42-088683) 412010.67N/0754039.14W (145.63)							
1574 TREE (42-088529) 412014.33N/0754038.06W (140.08)	1562 TREE (42-087988) 412009.86N/0754040.22W (135.62)							
1559 TREE (42-103797) 412010.78N/0754040.72W (134.67)	1561 TREE (42-088677) 412013.79N/0754039.27W (131.61)							
1564 TREE (42-088523) 412016.28N/0754038.17W (130.8)	1550 TREE (42-088295) 412014.53N/0754040.95W (127.12)							
1547 TREE (42-087093) 412009.93N/0754041.89W (126.99)	1545 TREE (42-104186) 412013.21N/0754042.03W (126.04)							
1553 TREE (42-088132) 412015.04N/0754039.68W (125.36)	1544 TREE (42-087087) 412011.91N/0754041.92W (124.41)							
1557 TREE (42-088530) 412008.45N/0754038.49W (123.8)	1538 TREE (42-089334) 412009.78N/0754043.26W (123.19)							
1479 TREE (42-087971) 412009.85N/0754058.02W (120.45)	1449 TREE (42-088376) 412009.05N/0754105.78W (119.9)							
1542 TREE (42-086944) 412008.95N/0754041.05W (118.64)	1535 TREE (42-089345) 412014.30N/0754042.47W (117.88)							
1389 TREE (42-087035) 412011.22N/0754120.52W (116.41)	1433 TREE (42-088011) 412009.70N/0754108.71W (115.17)							
1545 TREE (42-088679) 412018.05N/0754038.90W (114.86)	1405 TREE (42-088261) 412010.55N/0754115.82W (114.39)							
1542 TREE (42-088133) 412017.09N/0754039.60W (114.38)	1542 TREE (42-088136) 412016.07N/0754039.55W (114.03)							
1467 TREE (42-088273) 412009.78N/0754059.42W (113.77)	1531 TREE (42-089476) 412010.88N/0754042.56W (113.69)							
1359 TREE (42-087712) 412012.19N/0754127.58W (113.46)	1526 TREE (42-088100) 412013.56N/0754043.59W (113.03)							
1461 TREE (42-089038) 412008.81N/0754100.46W (111.59)	1522 TREE (42-087955) 412010.90N/0754044.29W (111.29)							
1528 TREE (42-089347) 412016.18N/0754042.33W (110.64)	1473 TREE (42-087688) 412009.08N/0754056.97W (110.33)							
1454 TREE (42-086887) 412008.95N/0754101.78W (109.64)	1522 TREE (42-088109) 412015.11N/0754043.31W (108.21)							
1541 TREE (42-103796) 412018.98N/0754038.10W (107.96)	1531 TREE (42-086946) 412017.92N/0754040.37W (106.44)							
1410 TREE (42-087657) 412010.66N/0754112.37W (106.26)	1515 TREE (42-088675) 412012.79N/0754044.61W (105.8)							
1534 TREE (42-088511) 412018.82N/0754039.36W (105.73)	1462 TREE (42-087966) 412008.30N/0754058.32W (104.35)							
1526 TREE (42-088293) 412018.85N/0754040.87W (103.49)	1509 TREE (42-089507) 412009.98N/0754045.65W (103.33)							
1462 TREE (42-087968) 412011.19N/0754057.93W (103.32)	1364 TREE (42-088192) 412012.22N/0754123.59W (103.26)							
1413 TREE (42-087530) 412010.19N/0754110.80W (103.21)	1438 TREE (42-087612) 412009.31N/0754104.12W (102.61)							
1506 TREE (42-089372) 412010.99N/0754045.79W (101.02)	1517 TREE (42-089339) 412017.14N/0754042.64W (100.97)							
1519 TREE (42-087081) 412008.75N/0754042.45W (100.94)	1464 TREE (42-087690) 412010.59N/0754056.80W (100.92)							
1526 TREE (42-087979) 412019.70N/0754039.99W (100.27)	1528 TREE (42-104184) 412020.64N/0754039.09W (98.99)							
1437 TREE (42-087763) 412010.60N/0754103.35W (98.88)	1530 TREE (42-088526) 412025.40N/0754038.27W (98.6)							
1505 TREE (42-089508) 412014.81N/0754045.26W (98.59)	1465 TREE (42-088152) 412009.73N/0754055.95W (98.54)							



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1502 TREE (42-089361) 412012.53N/0754046.10W (98.44)	1450 TREE (42-089189) 412011.23N/0754059.67W (97.95)							
1372 TREE (42-087229) 412012.23N/0754120.05W (97.77)	1498 TREE (42-087251) 412010.44N/0754046.98W (97.47)							
1509 TREE (42-088099) 412008.81N/0754044.09W (97.2)	1491 TREE (42-088064) 412010.21N/0754048.63W (96.72)							
1520 TREE (42-086953) 412025.01N/0754040.40W (96.66)	1443 TREE (42-087040) 412010.46N/0754101.16W (96.51)							
1365 TREE (42-087601) 412012.20N/0754121.41W (95.95)	1508 TREE (42-089176) 412024.99N/0754043.35W (95.9)							
1513 TREE (42-089475) 412018.67N/0754042.29W (95.87)	1517 TREE (42-087287) 412020.73N/0754041.12W (95.74)							
1468 TREE (42-088169) 412009.73N/0754054.42W (95.71)	1502 TREE (42-089509) 412015.88N/0754045.14W (95.3)							
1380 TREE (42-088849) 412011.37N/0754117.28W (95.08)	1529 TREE (42-086968) 412022.70N/0754037.71W (95.05)							
1512 TREE (42-087085) 412024.97N/0754041.95W (94.56)	1374 TREE (42-101307) 412011.86N/0754118.61W (94.23)							
1518 TREE (42-087985) 412026.58N/0754040.19W (94.1)	1505 TREE (42-087954) 412016.89N/0754043.99W (94.08)							
1526 TREE (42-088528) 412023.92N/0754038.13W (93.84)	1335 TREE (42-087841) 412012.68N/0754128.66W (93.66)							
1494 TREE (42-087250) 412011.65N/0754046.93W (93.47)	1505 TREE (42-088098) 412017.98N/0754043.66W (92.99)							
1514 TREE (42-104583) 412024.05N/0754041.02W (92.87)	1423 TREE (42-103186) 412010.11N/0754105.38W (92.54)							
1460 TREE (42-088323) 412010.98N/0754055.52W (92.1)	1465 TREE (42-101609) 412010.93N/0754054.15W (91.87)							
1524 TREE (42-086967) 412026.42N/0754037.95W (91.54)	1469 TREE (42-087362) 412010.10N/0754053.00W (91.36)							
1412 TREE (42-087336) 412011.03N/0754107.90W (91.29)	1472 TREE (42-087737) 412011.05N/0754052.00W (90.69)							
1346 TREE (42-086988) 412012.73N/0754124.98W (90.64)	1497 TREE (42-089514) 412017.93N/0754045.00W (90.09)							
1475 TREE (42-088905) 412010.29N/0754050.95W (89.58)	1467 TREE (42-087363) 412008.92N/0754053.05W (89.37)							
1493 TREE (42-089366) 412020.08N/0754045.77W (89.35)	1491 TREE (42-087449) 412015.30N/0754046.43W (89.13)							
1340 TREE (42-101898) 412013.69N/0754125.72W (87.61)	1388 TREE (42-087273) 412011.53N/0754113.20W (87.56)							
1487 TREE (42-087245) 412017.22N/0754046.83W (86.95)	1450 TREE (42-087826) 412007.89N/0754056.91W (86.92)							
1402 TREE (42-088144) 412010.56N/0754109.38W (86.85)	1493 TREE (42-089513) 412008.90N/0754045.56W (86.82)							
1492 TREE (42-089510) 412023.37N/0754045.20W (86.69)	1501 TREE (42-089333) 412019.56N/0754042.99W (86.68)							
1485 TREE (42-087917) 412013.86N/0754047.28W (86.14)	1501 TREE (42-089341) 412021.13N/0754042.60W (85.44)							
1495 TREE (42-100500) 412024.13N/0754044.03W (85.35)	1492 TREE (42-088673) 412025.09N/0754044.72W (85.13)							
1505 TREE (42-087282) 412022.14N/0754041.38W (84.95)	1475 TREE (42-087014) 412010.94N/0754049.71W (84.95)							
1453 TREE (42-088328) 412008.60N/0754055.56W (84.88)	1494 TREE (42-088865) 412019.51N/0754044.30W (84.66)							
1509 TREE (42-087980) 412022.16N/0754040.04W (83.84)	1349 TREE (42-088732) 412013.00N/0754122.36W (83.7)							
1327 TREE (42-087539) 412013.57N/0754128.10W (83.66)	1391 TREE (42-087524) 412011.27N/0754111.03W (82.25)							



<u>AIRPORT</u>	<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
WILKES-BARRE/SCRANTON INTL	KAVP	ILS OR LOC RWY 22	10	WILKES-BARRE/SCRANTON	PA	962	I-IZK
1499 TREE (42-086942) 412023.42N/0754042.06W (81.74)			1372 TREE (42-100708) 412012.31N/0754115.77W (81.48)				
1313 TREE (42-087669) 412013.96N/0754131.18W (81.46)			1376 TREE (42-087647) 412011.75N/0754114.67W (81.2)				
1509 TREE (42-088691) 412027.16N/0754039.06W (80.88)			1477 TREE (42-087775) 412012.62N/0754047.86W (80.16)				
1312 TREE (42-086959) 412012.70N/0754131.12W (80.03)			1494 TREE (42-100280) 412022.45N/0754042.95W (79.98)				
1494 TREE (42-089346) 412026.93N/0754042.74W (79.87)			1480 TREE (42-087247) 412018.10N/0754046.74W (79.74)				
1364 TREE (42-088846) 412012.38N/0754117.30W (79.32)			1407 TREE (42-087358) 412011.61N/0754105.99W (79.1)				
1337 TREE (42-088187) 412013.42N/0754123.90W (77.63)			1487 TREE (42-100501) 412026.08N/0754043.87W (77.05)				
1470 TREE (42-088058) 412011.85N/0754048.86W (76.85)			1474 TREE (42-087776) 412014.89N/0754047.66W (76.75)				
1477 TREE (42-087253) 412019.17N/0754046.55W (76.19)			1502 TREE (42-088125) 412007.85N/0754040.32W (75.69)				
1494 TREE (42-104586) 412027.90N/0754041.56W (75.53)			1419 TREE (42-087623) 412011.88N/0754101.80W (75.17)				
1301 TREE (42-087080) 412013.24N/0754132.44W (74.15)			1477 TREE (42-089505) 412025.58N/0754045.70W (73.94)				
1483 TREE (42-088871) 412021.41N/0754044.18W (73.5)			1345 TREE (42-087028) 412013.10N/0754120.71W (73.42)				
1408 TREE (42-089084) 412012.01N/0754104.11W (72.99)			1470 TREE (42-087780) 412016.04N/0754047.56W (72.55)				
1453 TREE (42-087581) 412012.09N/0754052.10W (72.24)			1444 TREE (42-088334) 412011.92N/0754054.21W (71.25)				
1439 TREE (42-088320) 412012.36N/0754055.46W (71.08)			1474 TREE (42-089369) 412024.38N/0754045.74W (70.91)				
1458 TREE (42-089224) 412008.91N/0754050.42W (70.34)			1369 TREE (42-086915) 412012.53N/0754113.58W (70.16)				
1464 TREE (42-088229) 412017.92N/0754048.17W (69.17)			1473 TREE (42-088666) 412026.58N/0754045.15W (68)				
1498 TREE (42-088694) 412028.63N/0754038.40W (67.6)			1490 TREE (42-104584) 412028.50N/0754040.33W (66.93)				
1459 TREE (42-088051) 412015.73N/0754048.83W (66.34)			1443 TREE (42-087873) 412012.74N/0754053.14W (66.3)				
1468 TREE (42-089359) 412022.18N/0754046.06W (65.79)			1428 TREE (42-088122) 412012.56N/0754056.88W (65.53)				
1455 TREE (42-087011) 412017.78N/0754049.51W (65.25)			1465 TREE (42-100701) 412023.51N/0754046.54W (64.82)				
1487 TREE (42-104585) 412029.53N/0754040.32W (64.05)			1299 TREE (42-087125) 412014.46N/0754129.98W (62.96)				
1455 TREE (42-087909) 412014.36N/0754049.02W (62.85)			1389 TREE (42-087165) 412012.50N/0754106.16W (61.88)				
1459 TREE (42-087243) 412025.46N/0754047.17W (61.53)			1460 TREE (42-087051) 412021.19N/0754046.99W (61.18)				
1310 TREE (42-087132) 412014.80N/0754126.41W (60.41)			1459 TREE (42-087050) 412008.49N/0754047.53W (60.26)				
1356 TREE (42-087654) 412012.87N/0754114.20W (59.58)			1340 TREE (42-089497) 412013.79N/0754118.28W (59.27)				
1453 TREE (42-087769) 412024.76N/0754048.12W (59.04)			1448 TREE (42-089230) 412016.78N/0754049.60W (58.44)				
1453 TREE (42-087627) 412018.97N/0754048.03W (57.79)			1471 TREE (42-089348) 412028.95N/0754042.89W (57.76)				
1450 TREE (42-088228) 412025.74N/0754048.47W (57.52)			1465 TREE (42-087958) 412027.92N/0754044.25W (56.78)				

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<u>AIRPORT</u>	<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
WILKES-BARRE/SCRANTON INTL	KAVP	ILS OR LOC RWY 22	10	WILKES-BARRE/SCRANTON	PA	962	I-IZK
1412 TREE (42-088472) 412013.03N/0754058.73W (56.65)			1459 TREE (42-089512) 412028.44N/0754045.60W (56)				
1452 TREE (42-087918) 412026.49N/0754047.49W (55.9)			1442 TREE (42-089091) 412013.58N/0754050.50W (55.37)				
1324 TREE (42-087430) 412013.97N/0754121.41W (55.23)			1371 TREE (42-088148) 412012.49N/0754109.03W (54.82)				
1436 TREE (42-088546) 412008.31N/0754051.93W (54)			1439 TREE (42-089092) 412014.72N/0754050.43W (52.28)				
1460 TREE (42-087959) 412028.90N/0754044.33W (52.24)			1480 TREE (42-088519) 412030.13N/0754038.99W (52.08)				
1467 TREE (42-087088) 412030.11N/0754042.37W (51.96)			1402 TREE (42-089037) 412013.19N/0754100.09W (51.86)				
1273 TREE (42-091235) 412014.15N/0754133.79W (51.43)			1361 TREE (42-087527) 412012.60N/0754110.75W (51.39)				
1435 TREE (42-088718) 412018.22N/0754050.71W (49.89)			1289 TREE (42-087698) 412015.26N/0754129.14W (49.88)				
1444 TREE (42-087771) 412023.75N/0754047.92W (49.12)			1381 TREE (42-088925) 412013.83N/0754104.61W (48.18)				
1279 TREE (42-087665) 412014.98N/0754131.31W (48.11)			1479 TREE (42-086979) 412030.80N/0754037.98W (47.33)				
1450 TREE (42-089515) 412029.48N/0754045.53W (46.9)			1430 TREE (42-101302) 412017.22N/0754051.22W (46.68)				
1436 TREE (42-101303) 412026.69N/0754049.15W (46.26)			1444 TREE (42-087450) 412027.43N/0754046.75W (45.23)				
1387 TREE (42-087442) 412013.30N/0754102.18W (44.84)			1473 TREE (42-088527) 412031.36N/0754038.87W (44.81)				
1416 TREE (42-088165) 412013.22N/0754054.45W (44.37)			1410 TREE (42-087836) 412014.04N/0754055.99W (44.36)				
1372 TREE (42-087354) 412013.71N/0754105.97W (44.35)			1289 TREE (42-087706) 412015.25N/0754127.65W (44.2)				
1308 TREE (42-101613) 412014.93N/0754122.51W (43.57)			1432 TREE (42-089227) 412019.90N/0754049.71W (43.34)				
1435 TREE (42-087910) 412020.65N/0754048.85W (43.18)			1435 TREE (42-088056) 412008.31N/0754049.23W (42.71)				
1347 TREE (42-087670) 412012.80N/0754112.09W (42.53)			1267 TREE (42-087265) 412015.68N/0754132.95W (42.47)				
1437 TREE (42-087628) 412021.78N/0754048.09W (42.46)			1428 TREE (42-088907) 412018.98N/0754050.53W (42.32)				
1438 TREE (42-087246) 412029.19N/0754047.43W (42.09)			1459 TREE (42-088290) 412031.14N/0754041.79W (41.91)				
1340 TREE (42-086918) 412013.53N/0754113.27W (40.14)			1416 TREE (42-087876) 412013.70N/0754053.06W (39.15)				
1298 TREE (42-088186) 412015.22N/0754123.81W (38.57)			1360 TREE (42-087548) 412012.86N/0754107.61W (38.46)				
1247 TREE (42-091466) 412013.25N/0754137.11W (37.95)			1396 TREE (42-087969) 412013.95N/0754057.72W (36.94)				
1425 TREE (42-088050) 412028.06N/0754049.32W (36.12)			1421 TREE (42-089221) 412026.69N/0754050.41W (36.06)				
1413 TREE (42-087882) 412014.83N/0754052.82W (35.41)			1284 TREE (42-102172) 412016.02N/0754126.59W (35.28)				
1419 TREE (42-088909) 412025.64N/0754050.73W (35.12)			1423 TREE (42-087010) 412022.75N/0754049.61W (34.4)				
1468 TREE (42-087742) 412031.71N/0754037.37W (34.15)			1414 TREE (42-087583) 412016.33N/0754051.86W (32.98)				
1386 TREE (42-102403) 412014.07N/0754059.29W (32.94)			1247 TREE (42-091551) 412014.46N/0754135.64W (32.53)				
1449 TREE (42-088298) 412032.23N/0754041.80W (32.11)			1439 TREE (42-088095) 412030.51N/0754044.49W (32.1)				

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<u>AIRPORT</u> WILKES-BARRE/SCRANTON INTL		<u>AIRPORT ID</u> KAVP	<u>PROCEDURE NAME</u> ILS OR LOC RWY 22	<u>AMDT NO.</u> 10	<u>CITY</u> WILKES-BARRE/SCRANTON	<u>STATE</u> PA	<u>AIRPORT ELEVATION</u> 962	<u>FACILITY</u> I-IZK
1454 TREE (42-088137) 412031.69N/0754040.45W (31.89)	1396 TREE (42-087825) 412014.79N/0754056.33W (31.78)							
1439 TREE (42-088104) 412031.45N/0754044.28W (31.44)	1307 TREE (42-087236) 412014.66N/0754119.41W (30.71)							
1320 TREE (42-088088) 412014.10N/0754115.81W (29.91)	1286 TREE (42-088039) 412016.08N/0754124.57W (29.59)							
1461 TREE (42-088522) 412006.81N/0754038.94W (29.26)	1258 TREE (42-087517) 412017.15N/0754131.69W (28.89)							
1424 TREE (42-087254) 412030.20N/0754047.31W (27.79)	1418 TREE (42-101305) 412029.75N/0754048.90W (27.78)							
1436 TREE (42-088861) 412007.24N/0754045.08W (27.73)	1408 TREE (42-101607) 412019.06N/0754051.77W (27.06)							
1411 TREE (42-089219) 412027.79N/0754050.60W (26.96)	1439 TREE (42-086940) 412031.91N/0754043.07W (26.9)							
1264 TREE (42-087317) 412017.08N/0754129.32W (25.85)	1339 TREE (42-087997) 412013.69N/0754109.77W (25.82)							
1295 TREE (42-101611) 412015.61N/0754121.21W (25.72)	1332 TREE (42-087814) 412013.88N/0754111.49W (25.41)							
1411 TREE (42-089218) 412021.86N/0754050.34W (25.05)	1239 TREE (42-089766) 412015.69N/0754135.71W (24.99)							
1445 TREE (42-087283) 412006.94N/0754041.92W (24.64)	1363 TREE (42-087766) 412014.15N/0754102.96W (23.94)							
1409 TREE (42-089232) 412029.19N/0754050.17W (23.54)	1247 TREE (42-087264) 412016.73N/0754132.93W (22.55)							
1402 TREE (42-087582) 412021.38N/0754051.89W (21.88)	1425 TREE (42-088674) 412031.48N/0754045.39W (21.68)							
1390 TREE (42-088324) 412014.95N/0754055.23W (21.61)	1446 TREE (42-088693) 412033.49N/0754039.05W (18.83)							
1372 TREE (42-088269) 412014.89N/0754059.12W (18.42)	1265 TREE (42-087717) 412017.03N/0754127.10W (18.38)							
1227 TREE (42-089672) 412016.25N/0754137.06W (18.22)	1390 TREE (42-088167) 412016.79N/0754054.18W (17.89)							
1220 TREE (42-090099) 412014.73N/0754138.85W (17.81)	1393 TREE (42-087733) 412015.91N/0754053.35W (17.59)							
1222 TREE (42-090890) 412015.61N/0754138.13W (17.2)	1439 TREE (42-088510) 412032.91N/0754040.47W (17.15)							
1391 TREE (42-087729) 412017.68N/0754053.43W (16.17)	982 TREE (42-090300) 412022.63N/0754240.55W (16.15)							
1226 TREE (42-090947) 412017.33N/0754136.72W (16.09)	1398 TREE (42-088711) 412024.17N/0754051.14W (15.45)							
1214 TREE (42-090228) 412015.96N/0754139.56W (14.7)	1395 TREE (42-088708) 412026.48N/0754051.58W (14.49)							
1389 TREE (42-087875) 412024.85N/0754053.17W (14.29)	972 TREE (42-105677) 412022.31N/0754242.62W (13.99)							
1289 TREE (42-087233) 412015.64N/0754119.65W (13.78)	1231 TREE (42-091719) 412016.54N/0754134.68W (13.19)							
1309 TREE (42-087653) 412014.79N/0754114.17W (12.76)	1294 TREE (42-089499) 412015.24N/0754117.94W (12.2)							
1431 TREE (42-087989) 412034.60N/0754041.20W (12.2)	1437 TREE (42-087984) 412006.25N/0754040.71W (11.92)							
1443 TREE (42-104187) 412034.50N/0754037.95W (11.8)	1233 TREE (42-091243) 412017.18N/0754133.61W (11.21)							
1206 TREE (42-090775) 412017.49N/0754140.55W (10.71)	1323 TREE (42-104590) 412014.87N/0754109.83W (10.24)							
1233 TREE (42-088653) 412017.32N/0754133.31W (10.09)	1419 TREE (42-089338) 412033.21N/0754043.81W (9.92)							
1390 TREE (42-087738) 412023.28N/0754051.75W (9.64)	1221 TREE (42-091652) 412017.42N/0754136.31W (9.54)							



<u>AIRPORT</u>	<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
WILKES-BARRE/SCRANTON INTL	KAVP	ILS OR LOC RWY 22	10	WILKES-BARRE/SCRANTON	PA	962	I-IZK
1385 TREE (42-101888) 412018.85N/0754053.15W (9.29)	1200 TREE (42-091677) 412013.98N/0754141.87W (9.2)						
1212 TREE (42-089580) 412016.71N/0754138.49W (8.74)	954 TREE (42-090081) 412022.61N/0754245.75W (7.96)						
963 TREE (42-090109) 412022.37N/0754243.39W (7.93)	1403 TREE (42-087252) 412031.75N/0754047.54W (7.91)						
1351 TREE (42-087447) 412014.87N/0754101.87W (7.9)	965 TREE (42-102922) 412022.70N/0754242.79W (7.7)						
1332 TREE (42-086991) 412014.51N/0754106.78W (7.56)	1387 TREE (42-087580) 412020.31N/0754051.94W (6.9)						
1214 TREE (42-090920) 412017.53N/0754137.44W (6.86)	1436 TREE (42-088690) 412005.98N/0754039.54W (6.42)						
1195 TREE (42-090419) 412014.93N/0754142.29W (5.95)	1313 TREE (42-087820) 412015.29N/0754111.28W (5.83)						
1223 TREE (42-090136) 412017.30N/0754134.79W (5.73)	1222 TREE (42-090624) 412017.55N/0754135.01W (5.61)						
1160 TREE (42-090015) 412027.89N/0754150.83W (5.49)	1381 TREE (42-087870) 412019.85N/0754053.09W (5.21)						
1161 TREE (42-102185) 412028.04N/0754150.25W (4.3)	1393 TREE (42-088227) 412031.62N/0754049.16W (4.06)						
1198 TREE (42-091840) 412018.00N/0754140.82W (3.82)	1212 TREE (42-089854) 412017.78N/0754137.15W (3.8)						
1225 TREE (42-091880) 412017.59N/0754133.72W (3.7)	1332 TREE (42-087359) 412015.43N/0754105.72W (3.66)						
1258 TREE (42-086984) 412017.40N/0754124.98W (3.36)	1429 TREE (42-088692) 412034.93N/0754039.30W (3.01)						
1197 TREE (42-091836) 412015.18N/0754140.96W (2.92)	1381 TREE (42-088544) 412028.62N/0754052.09W (2.76)						
1290 TREE (42-089030) 412015.55N/0754116.39W (2.34)	964 TREE (42-090755) 412022.23N/0754241.66W (2.32)						
954 TREE (42-091281) 412022.96N/0754244.25W (2.3)	1156 TREE (42-091856) 412027.65N/0754151.02W (2.18)						
1215 TREE (42-090428) 412018.64N/0754135.83W (1.9)	1215 TREE (42-090588) 412017.72N/0754135.79W (1.61)						
1213 TREE (42-091787) 412018.16N/0754136.21W (1.27)	956 TREE (42-090268) 412023.16N/0754243.39W (1.05)						
1225 TREE (42-087063) 412017.70N/0754133.02W (1.05)	1415 TREE (42-087284) 412034.13N/0754042.48W (1)						
955 TREE (42-090105) 412022.63N/0754243.64W (0.92)	1403 TREE (42-087458) 412007.44N/0754046.69W (0.9)						
1154 TREE (42-090309) 412027.44N/0754151.15W (0.64)	966 TREE (42-102647) 412022.36N/0754240.61W (0.34)						
1191 TREE (42-091676) 412017.91N/0754141.70W (0.16)	944 BUILDING (42-079835) 412022.62N/0754246.30W (0.06)						

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or
5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS



REMARKS

FACILITY
I-IZK

TITLE
AERONAUTICAL INFORMATION SPECIALIST

