

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				MISSED APPROACH								
FROM	TO	COURSE AND DISTANCE	ALTITUDE	ILS: DA LOC: 5.95 MILES AFTER VOCUK INT/BKW 7.16 DME OR AT BKW 1.21 DME FIX CLIMB TO 3300 THEN CLIMBING RIGHT TURN TO 5000 ON HEADING 360 AND BKW VORTAC R-324 TO NUTTR INT AND HOLD, OR AS DIRECTED BY ATC. ALTERNATE MA: CLIMB TO 4000 THEN CLIMBING RIGHT TURN TO 5500 ON HEADING 330 AND HVQ VORTAC R-150 TO HVQ VORTAC AND HOLD. ADDITIONAL FLIGHT DATA: HOLD W, RT, 097.00 INBOUND. CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD W HVQ VORTAC, RT, 081.00 INBOUND. CHART FAS OBST: 2539 TREE 374853N/0810706W CHART OM IN HALF-TONE. CHART IN PLANVIEW: HVQ VORTAC.								
BKW VORTAC	LEONE INT/BKW 12.47 DME	012.92 / 12.47	5000									
NUTTR INT	LEONE INT/BKW 12.47 DME	097.00 / 13.12 (RNL R-277)	5000									
RNL VOR	LEONE INT/BKW 12.47 DME	277.00 / 13.55	5000									
LAFOR INT/BKW 18.19 DME (IAF)	LEONE INT/BKW 12.47 DME (NOPT)	193.49 / 5.72 (I-MQU)	5000									
LEONE INT/BKW 12.47 DME (IF/IAF)	VOCUK INT/BKW 7.16 DME	193.49 / 5.31 (I-MQU)	4400									
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD N LEONE, LT, 193.49 INBOUND, 5000 FT. IN LIEU OF PT (IAF) 3. FAC: <u>193.49</u> FAF: VOCUK INT/BKW 7.16 DME DIST FAF TO MAP: <u>5.95</u> THLD: <u>5.95</u> 4. MIN. ALT: LEONE 5000, VOCUK 4400, ZIDNA/BKW 3.70 DME 3180' & 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u>959</u> 6. MIN GS INCPT: <u>4400</u> GS ALT AT: VOCUK 4400 OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>55.1</u> 8. MSA FROM: BKW VORTAC 5400				MAG VAR: 6W EPOCH YEAR: 1985								
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
S-ILS 19	2649	1/2	200	2649	1/2	200	2649	1/2	200	2649	1/2	200
S-LOC 19	3180	1/2	731	3180	1/2	731	3180	1 5/8	731	3180	1 5/8	731
CIRCLING	3180	1	676	3180	1	676	3180	2	676	3180	2 1/4	676
ZIDNA FIX MINIMUMS												
S-LOC 19	2820	1/2	371	2820	1/2	371	2820	5/8	371	2820	5/8	371
CIRCLING	3120	1	616	3180	1	676	3180	2	676	3180	2 1/4	676
NOTES: CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 28 NA AT NIGHT. *LOC ONLY CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BLUEFIELD ALTIMETER SETTING AND INCREASE ALL DA 118 FEET AND ALL MDA 120 FEET; INCREASE S-LOC 19 CATS A/B VISIBLTY 1/4 MILE, (SEE FORM 8260-10)												
CITY AND STATE BECKLEY, WV		ELEVATION: 2504 THRE: 2449 AIRPORT NAME: RALEIGH COUNTY MEMORIAL		FACILITY IDENTIFIER: I-MQU		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 19, AMDT 6 25 AUG 2011				SUP: AMDT: 5 DATED 06/08/2006		

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.29

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NOTES, (CONT.):

CATS C/D 3/8 MILE, CIRCLING CAT B 1/4 MILE, CAT C 1/2 MILE AND CAT D 1/4 MILE; INCREASE ZIDNA FIX MINIMUMS CATS C/D VISIBILITY 3/8 MILE AND CIRCLING CATS C/D 1/4 MILE.

CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-LOC 19 CATS C/D VISIBILITY TO 2 MILES, ZIDNA FIX MINIMUMS CATS C/D TO 1 MILE.

CHART NOTE: FOR INOPERATIVE MALSR WHEN USING BLUEFIELD ALTIMETER SETTING, INCREASE S-ILS 19 ALL CATS VISIBILITY TO 1 MILE, S-LOC 19 CAT A TO 1 MILE, AND ZIDNA FIX MINIMUMS S-LOC 19 CATS C/D TO 1 3/8 MILE.

& 3300 WHEN USING BLUEFIELD ALTIMETER SETTING.

QUALITY
A
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CITY AND STATE
BECKLEY, WV

ELEVATION: 2504 THRE: 2449
AIRPORT NAME:
RALEIGH COUNTY MEMORIAL

FACILITY
IDENTIFIER:
I-MQU

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
ILS OR LOC RWY 19, AMDT 6
25 AUG 2011

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FLIGHT STANDARDS SERVICES - FAR PART 97.29

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[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3	
SUSAP	KBKWK6FI19	ABKW	010BKW	K6D 0V	IF					18000		0	NS	
SUSAP	KBKWK6FI19	ABKW	020LEONEK6EA0EY	TF				+ 05000				0	NS	
SUSAP	KBKWK6FI19	ABKW	030LEONEK6EA0EE AL	HF BKW K6		012901251935T010D		+ 05000				0	NS	
SUSAP	KBKWK6FI19	ALAFOR	010LAFORK6EA0E A	IF						18000		0	NS	
SUSAP	KBKWK6FI19	ALAFOR	020LEONEK6EA0EE B	CF IMQUK6		0135012619350057PI		+ 05000				0	NS	
SUSAP	KBKWK6FI19	ANUTTR	010NUTTRK6EA0E	IF						18000		0	NS	
SUSAP	KBKWK6FI19	ANUTTR	020LEONEK6EA0EY	TF				+ 05000				0	NS	
SUSAP	KBKWK6FI19	ANUTTR	030LEONEK6EA0EE AL	HF BKW K6		012901251935T010D		+ 05000				0	NS	
SUSAP	KBKWK6FI19	ARNL	010RNL	K6D 0V	IF					18000		0	NS	
SUSAP	KBKWK6FI19	ARNL	020LEONEK6EA0EY	TF				+ 05000				0	NS	
SUSAP	KBKWK6FI19	ARNL	030LEONEK6EA0EE AL	HF BKW K6		012901251935T010D		+ 05000				0	NS	
SUSAP	KBKWK6FI19	I	010LEONEK6EA0E I	IF IMQUK6		01350126	PI	J	050000440018000			0	NS	
SUSAP	KBKWK6FI19	I	020VOCUKK6EA0E F	CF IMQUK6		0135007319300053PI		H	0440004400		-300BKW	K6D	0	NS
SUSAP	KBKWK6FI19	I	030RW19 K6PGOGY M	CF IMQUK6		0135001319300060PI			02504		-300		0	NS
SUSAP	KBKWK6FI19	I	040	0 M	CA				1935				0	NS
SUSAP	KBKWK6FI19	I	050	0 R	VIY				3600				0	NS
SUSAP	KBKWK6FI19	I	060NUTTRK6EA0EY	CF BKW K6		3243017432430130D		+ 05000				0	NS	
SUSAP	KBKWK6FI19	I	070NUTTRK6EA0EE R	HM		0970T010		+ 05000				0	NS	

[illegible]

SUP:	
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SUSAP KBKWK6GRW19 0067501935 N37480159W081072184+0700 +0715302449000055150IIMOU1

[illegible]

SUSAP KBKWK6IIMQU1 011170RW19 N37464241W0810734961935N37475252W0810726611329 09590494300W00605502450

[illegible]

SUSAP KBKWK6SBKW K6D 0 18018005425 M

QUALITY
1
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ARINC SUMMARY - 424-18 - ILS

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
BKW		BKW	010		IF		FB					
BKW		LEONE	020		TF		FO				AA 05000	
BKW		LEONE	030	IAF	HF	L	FO		193.5()	T01.0	AA 05000	
LAFOR		LAFOR	010	IAF	IF		FB					
LAFOR		LEONE	020		CF		FB		193.5()	005.7	AA 05000	
NUTTR		NUTTR	010		IF		FB					
NUTTR		LEONE	020		TF		FO				AA 05000	
NUTTR		LEONE	030	IAF	HF	L	FO		193.5()	T01.0	AA 05000	
RNL		RNL	010		IF		FB					
RNL		LEONE	020		TF		FO				AA 05000	
RNL		LEONE	030	IAF	HF	L	FO		193.5()	T01.0	AA 05000	
		LEONE	010	FACF	IF		FB				AA 05000 GI 04400	
		VOCUK	020	FAF	CF		FB		193.0()	005.3	GI 04400 GS 04400	
		RW19	030	MAP	CF		FO		193.0()	006.0	AT 02504	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		193.5()		AA 03300	
		050		VI	R	FB		360.0()			
	NUTTR	060		CF		FO		324.3()	013.0	AA 05000	
	NUTTR	070		HM	R	FO		097.0()	T01.0	AA 05000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BKW	N374649.08	W0810724.44	N3746.818	W08107.407
	RNL	N375831.12	W0804823.43	N3758.519	W08048.391
	LAFOR	N380453.03	W0810433.56	N3804.884	W08104.559
	LEONE	N375912.47	W0810530.45	N3759.208	W08105.508
	NUTTR	N375950.15	W0812205.13	N3759.836	W08122.086
	VOCUK	N375356.15	W0810623.01	N3753.936	W08106.384
	RW19	N374801.59	W0810721.84	N3748.027	W08107.364
	IMQU (LOC)	N374642.41	W0810734.96	N3746.707	W08107.583

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW19	02449	55

QUALITY
1
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CITY AND STATE
BECKLEY, WVELEVATION: 2504 THRE: 2449
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