

MISSION DATA CARD								
OPORD		Callsign		Mission		Date/Time		
863/2022		Boar 3		Training		022000MAY22		
Task	CAS					Freq		
AO	R62					132.35		
Departure				Recovery				
DREAM FOUR				ALAMO				
#	Callsign		Pilot		IFF	TCN	LSR	NET
-1	Boar 3-1		Thunder		1631	27Y	1531	23/01
-2	Boar 3-2		Florida		1632	90Y	1532	23/02

LOADOUT			
A/A	A9M		
A/G	7M282L, 2xA65D, 2xG54, G10		
POD	A184, TGP		
TKS			
		GUN	100% CM
		CHF	120
		FLR	360
		FUEL	80%

TOLD					
	Takeoff	Target	Joker	Bingo	Land
FUEL	8869				

AIRBASES								
	Name	TCN	ATIS	GND	TWR	RWY	Elev	ILS
Dep	Nellis AFB	12X	270.1	275.8	327.0	21L	1850	109.1
Arr	Nellis AFB	12X	270.1	275.8	327.0	21L	1850	109.1
Div	Creech AFB	87X	290.45	275.8	360.6			

FLIGHTPLAN				
#	Name	Navaid/Coords/DME	ALT	TOT
1	FYTTR	LSV 269/33 (N36 21.440 W115 41.470)	12000	
2	Range 62A	N36 55.499 W115 25.550	14000	
3	STRYK	LSV 282/26 (N36 25.620 W115 30.700)	12000	
4	GASS PEAK	LSV 309/12 (N36 24.140 W115 10.660)		
5	APEX	LSV 027/09 (N36 21.580 W114 54.340)		
6	SIMNS	LSV 276/8 (N36 17.340 W115 10.750)		
7	CRAIG	LSV 263/5.5 (N36 15.250 W115 08.270)		

COMMS	
Radio	Usage
1	132.35
2	11 - 3 - 4 - 16 - 11 - 4 - 3
3	35.50

NOTES

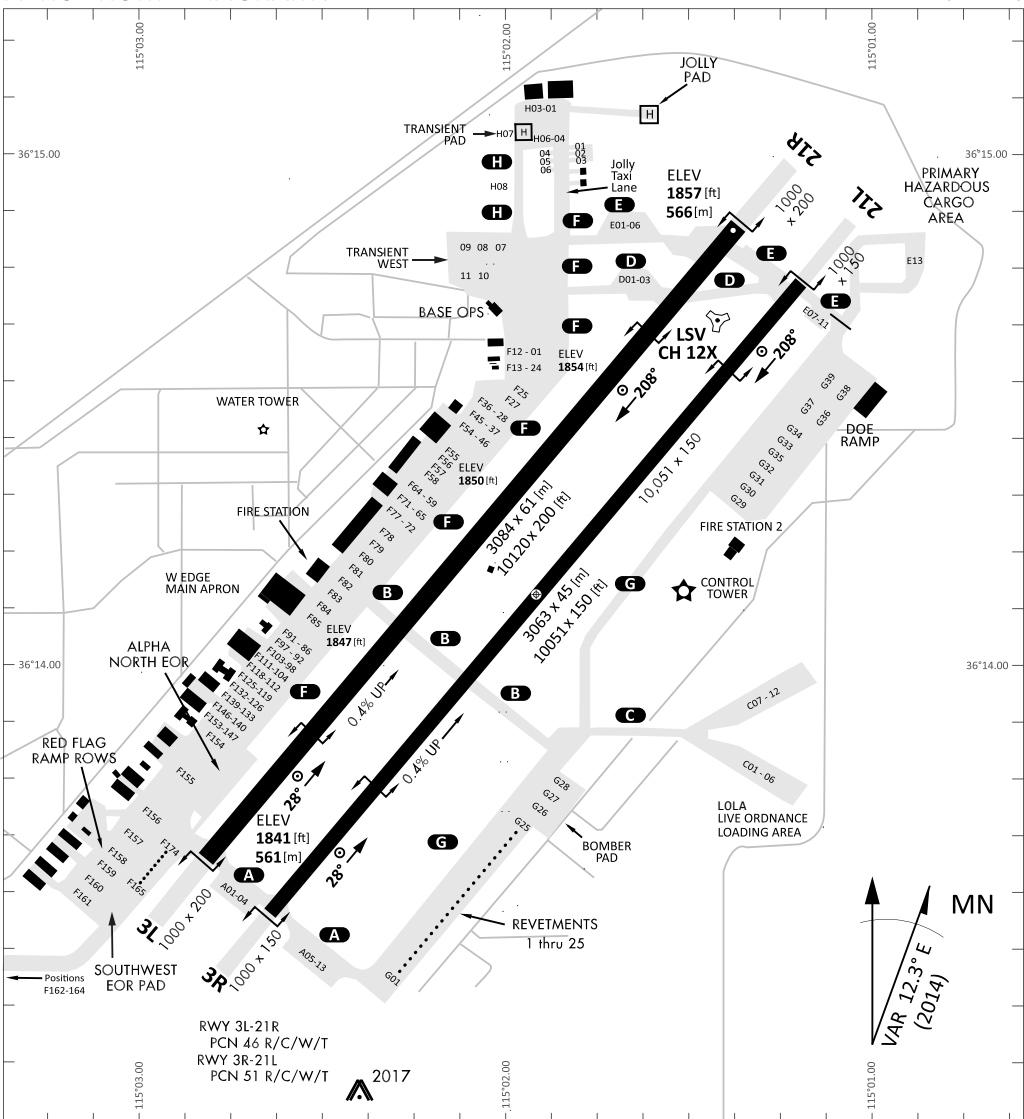
JTAC 35.50 - Jedi 4

OTHER FLIGHTS						
Callsign	Mission	Airframe	Freq	TCN	Grpld	Laser
Rattler 4	Training	2x AH-64D	133.25	21/84		156X
	AO	LATNC	Task			
Vanguard 1	Training	2x AH-64D	133.5	21/84		156X
	AO	LATNC	Task			
T-Rex	Training	2x A-10C	132.25	27/90	25	165X
	AO	R64	Task	CAS		
Panther 3	Training	2x F/A-18C	261.45	31/94		157X
	AO	R75-04	Task	MAV Training		
Spectre*	Training	1x Ground	34.5	21/84		156X
	AO	R64	Task	CAS Training		
Whiplash*	Training	1x Ground	35.5	21/84		156X
	AO	R62	Task	CAS Training		
Panther 5	Training	4x F/A-18C	261.35	31/94		157X
	AO	63B	Task	Bomb Delivery		
Tusk 3	Training	2x A-10C	132.45	27/90	27	158X
	AO	R62	Task	CAS		

RADIO CHANNELS		
#	Freq	Name
1		Flight/Squadron specific
2	289.4	Nellis Clearance Delivery
3	275.8	Nellis Ground
4	327.0	Nellis Tower
5	385.4	Nellis Approach/Departure West
6	273.55	Nellis Approach/Departure East
7	317.525	Nellis Control -- Sally
8	254.4	Nellis Control-- Lee
9	305.6	SOF Bullseye
10	343.725	EMERGENCY SINGLE FRQ
11	270.1	Nellis ATIS
12	360.625	Creech AFB Tower
13	250.1	HAVE QUICK 13
14	251.1	HAVE QUICK 14
15	252.1	HAVE QUICK 15
16	377.8	Blackjack
17	265.0	KC-135 AR-641A
18	360.8	KC-135MPRS AR-635
19	319.8	KC-135MPRS AR-625
20	300.05	KC-135 AR-231V

RAMROD										
0	1	2	3	4	5	6	7	8	9	
N	I	G	H	T	C	L	U	B	S	
KTC 1400 C										
	0	1	2	3	4	5	6	7	8	9
A	CLVF	TJB	WMI	RE	NP	DQG	SA	UH	XK	YO
B	ETFV	KXQ	BIO	YG	DA	LSJ	MC	WN	RH	UP
C	LAKP	RMX	HOB	FY	NQ	CJG	TU	WD	VI	ES
D	DTYA	FPW	GJE	KM	LB	VSQ	RU	CI	HN	XO
E	IRQU	BEM	DXC	TY	GA	LKF	PS	NJ	VH	WO
F	IPRG	SQX	UKA	DO	NW	ETM	JB	CH	VF	YL
G	FWYP	MKG	DQR	OB	EX	JTV	CA	IU	HS	NL
H	DRKU	SCH	XAI	WF	LE	JTM	VP	BY	OQ	NG
I	RVQA	PDM	YCE	WL	UK	XNB	JF	OH	IG	ST
J	RFWL	YPE	HTC	SM	BQ	VOK	AU	DJ	NX	IG
K	LJIE	FKW	GTR	XB	YH	NSU	QM	DP	AC	OV
L	WNOI	PFD	QTY	RB	CM	KUH	SA	VG	JE	XL
M	CTVA	IEJ	QYM	RG	HB	PLX	SW	FU	KO	ND
N	OBKE	FRM	HJX	PN	LQ	UDI	CA	WY	ST	VG
O	HGTW	JON	CUS	KQ	XR	PEY	BV	IL	DM	FA
P	VPMJ	GFS	WYN	EX	KD	LBU	RC	OQ	HA	IT
Q	VSPY	NXJ	TQK	BA	WE	DIC	RU	FG	HM	LO
R	VECN	UPQ	JRI	LS	KG	DXA	OT	FW	YB	HM
S	BXKU	ITL	YFJ	ON	QW	EPG	VA	CS	DM	HR
T	VLNA	UHC	KTP	IG	WJ	OQD	RY	ES	MB	FX
U	DGXB	FWS	OEC	LR	JM	KUN	PQ	HY	TI	VA
V	SNJC	DQG	FHP	WV	UT	RMX	YB	KA	LO	IE
W	OLDT	XUB	PKI	CN	WR	AYS	HV	QJ	EF	MG
X	DQFJ	PHY	RWI	MN	KS	VLT	GX	CE	BU	OA
Y	AIOR	QCG	BKH	EU	WN	TFV	JS	LY	DX	PM

NAVAIDS				
Id	Name	Channel	Position	Elevation
BCE	Bryce Canyon	75	N3741.35 W11218.23	9040
BIH	Bishop	33	N3722.62 W11821.99	4114
BLD	Boulder	114	N3559.75 W11451.82	3650
BTY	Beatty	94	N3648.54 W11644.86	2925
CDC	Cedar City	120	N3747.24 W11304.90	5463
DAG	Daggett	79	N3457.75 W11634.69	1760
EED	Needles	99	N3445.96 W11428.43	650
GFS	Goffs	91	N3507.87 W11510.59	4019
GRL	Groom Lake	18	N3713.91 W11548.16	4475
HEC	Hector	74	N3447.83 W11627.78	1854
ILC	Wilson Creek	110	N3815.02 W11423.65	9318
INS	Creech AFB	87	N3635.20 W11540.12	3101
LAS	McCarran Intl	116	N3604.78 W11509.59	2142
LSV	Nellis	12	N3614.68 W11501.50	1864
MLF	Milford	58	N3821.62 W11300.79	4977
MMM	Mormon Mesa	90	N3646.16 W11416.65	2120
MVA	Mina	98	N3833.92 W11801.97	7860
OAL	Coale Dale	124	N3800.20 W11746.23	4800
PGS	Peach Springs	57	N3537.48 W11332.67	4754
TPH	Tonopah Muni	119	N3801.84 W11702.01	5330
TQQ	Silverbow	77	N3748.00 W11647.00	5500
UTI	St George	23	N3705.29 W11335.53	2871



PAR	RWY	CAT	MINIMA		ARP 36° 14.060' N 115° 01.058' W	ELEV 1857 [ft] 566 [m]	Scale 1:35'500						
	21L	A B D E	2057 - 0.8 200 (200-0.8/1.6) GS 3°				0	300	600	900	1200	1500 [m]	
	3R	A B D E	2057 - 0.8 200 (200-0.8/1.6) GS 3°				0	1000	2000	3000	4000	5000 [ft]	
SRA	21R	A C D E	2257 - 1.2 350 (350-1.2/1.6)										
	3L	A C D E	2257 - 1.2 350 (350-1.2/1.6)										
RWY		TORA		TODA		ASDA		LDA		PSN THR		ALS	
21L		10051 [ft] 3063 [m]		11051 [ft] 3368 [m]		11051 [ft] 3368 [m]		10051 [ft] 3063 [m]		36°14.043'N 115°01.018'W		⊕	
3R		10120 [ft] 3084 [m]		11120 [ft] 3398 [m]		11120 [ft] 3398 [m]		10120 [ft] 3084 [m]		36°13.029'N 115°02.038'W			
ATIS		NELLIS GROUND		NELLIS TOWER		NELLIS CONTROL		TACAN		ILS RWY 21L		NELLIS EAST	NELLIS WEST
270.100 Mhz		275.800 121.800		327.000 132.55		317.525		LSV 12X		109.10 Mhz		384.400	385.000

ATIS
270.100
NELLIS GROUND
275.800
NELLIS TOWER
327.000
NELLIS CONTROL
317.525
NELLIS DEP/APP EAST
384.400
BLACKJACK
377.800

DREAM
N3710.34
W11459.53

MINTT
LAS 351/38
17,000

Rwy	Knots	60	120	180	240	300	360
* 3 L (a)	V/V(fpm)	269	538	807	1076	1345	1614
* 3 R (b)	V/V(fpm)	245	490	735	980	1225	1470
† 3 L (c)	V/V(fpm)	498	996	1494	1992	2490	2988
† 3 R (c)	V/V(fpm)	496	992	1488	1984	2480	2976
* 21 L (d)	V/V(fpm)	389	778	1167	1556	1945	2334
* 21 R (d)	V/V(fpm)	395	790	1185	1580	1975	2370
† 21 L (c)	V/V(fpm)	453	906	1359	1812	2265	2718
† 21 R (c)	V/V(fpm)	457	914	1371	1828	2285	2742

* Minimum † ATC Climb Rate

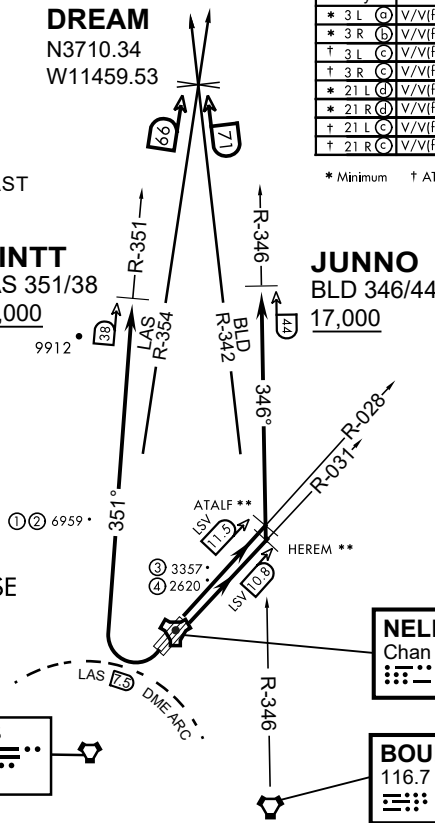
- (a) to 3600
(b) to 3100
(c) to 17,000
(d) to 8500
- ** Lead DME:
ATALF - LSV 9.5
HEREM - LSV 8.8

- ① 12.24 NM from Rwy 21R
② 12.40 NM from Rwy 21L
③ 5.67 NM from Rwy 3L
④ 5.85 NM from Rwy 3R

NOT FOR CIVIL USE

CAUTION: If unable to comply with restrictions advise ATC prior to departure.

LAS VEGAS
116.9 LAS
Chan 116



NELLIS
Chan 12 LSV

BOULDER CITY
116.7 BLD
Chan 114

VAR 12.3°E



DEPARTURE ROUTE DESCRIPTION

TAKE-OFF RWY 3L

- Fly runway heading to intercept the LSV TACAN R-028 then direct ATALF, intercept the BLD VORTAC R-346 then direct JUNNO, cross JUNNO at or above 17,000, then via assigned route.

TAKE-OFF RWY 3R

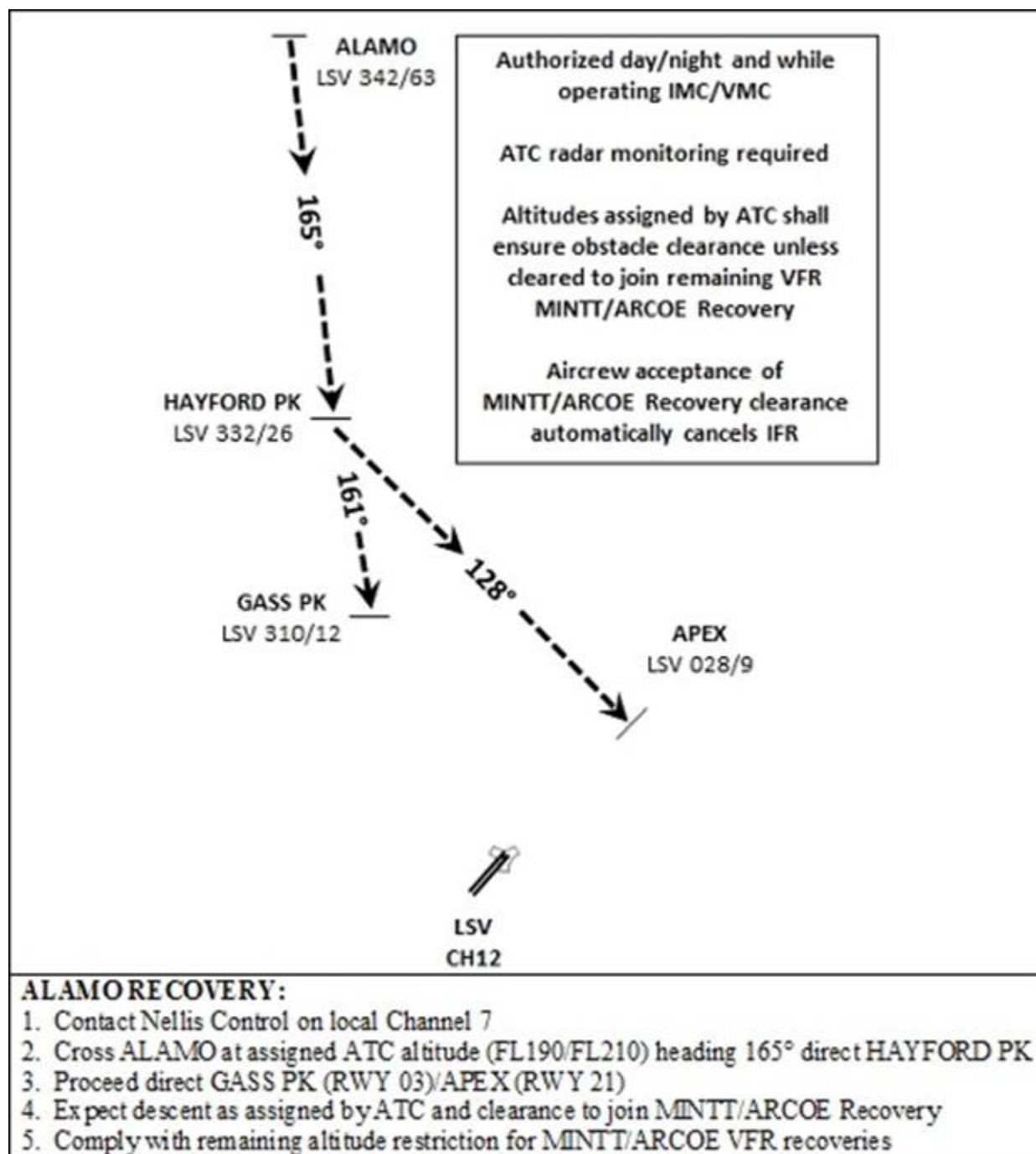
- Fly runway heading to intercept the LSV TACAN R-031 then direct HEREM, intercept the BLD VORTAC R-346 then direct JUNNO, cross JUNNO at or above 17,000, then via assigned route.

TAKE-OFF RWY 21L/R

- Turn right to intercept LAS VORTAC R-351 outbound. Remain North of LAS 7.5 DME turning Northbound. Intercept LAS R-351 between 5000 and 6000, do not proceed West of LAS R-351. Cross MINTT at or above 17,000, then via assigned route.

NOISE ABATMENT PROCEDURES: Fly acc. Nellis Noise Abatement instructions

Figure 4.13. ALAMO Recovery



4.14.6. Night Recoveries. For night recoveries from the NTTR, proceed to the IFR pickup points outlined in paragraphs 4.14.1 and 4.14.3 and contact Nellis Control on the appropriate frequency. Expect vectors from Nellis Control/Approach for recovery to a precision, non-precision or visual approach to the field. RWY 21 is the preferred landing runway at night unless winds dictate RWY 03. Slow to 250 KIAS, or as directed by NATCF, when on vectors for the ILS or TACAN approach.



INDIAN SPRINGS, NEVADA

TACAN INS	APCH CRS	Rwy Idg	9002
Chan 87	065 °	TDZE	3133
		Arpt Elev	3113

INDIAN SPRINGS AF AUX (KINS)



* MISSED APPROACH: Straight ahead to INS TACAN, intercept INS R-outbound, cross 17 DME at or above 9500, then direkt KSV TACAN

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NELLIS CON

CREECH AFB TOWER
118.30 1360.60

GND CON

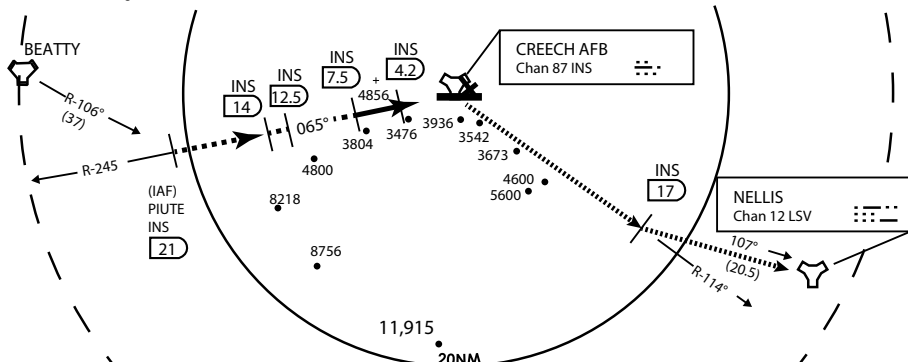
NOT ~~FOR~~ CIVIL USE

FOR USE UNDER BASIC VFR
WEATHER MINIMUMS ONLY

PILOT IS RESPONSIBLE
FOR TERRAIN/OBSTACLE
AVOIDANCE AND
APPROPRIATE VFR CLOUD
CLEARANCE FOR ALL

CAUTION: Descent gradients are greater than allowed under standard TERPS criteria and inbound course does not meet straight-in criteria

CAUTION: Final approach course crosses Runway centerline at MIDFIELD. Maneuvering left of course required prior to landing. Do not Maneuver farther north than the INS R- 258



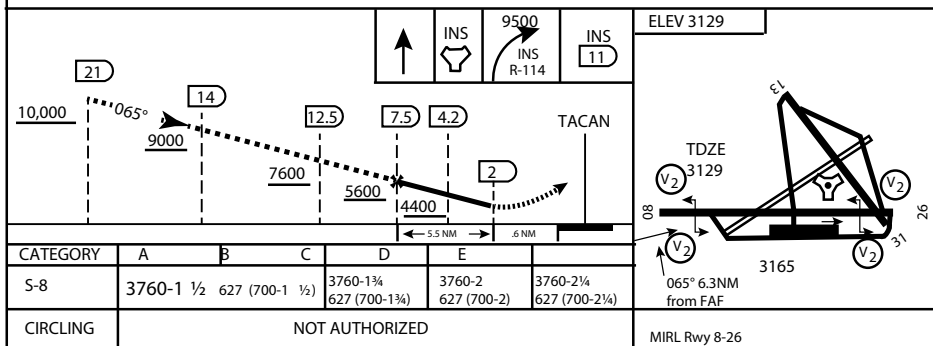
* CAUTION: Missed Approach Climb Rate to 4,700

Knots	60	120	180	240	300
V/V (fpm)	230	460	690	920	1150

Controlling Obstacle

HIGH ALTITUDE FACILITIES

EMERG SAFE ALT 100 NM 14,000



CITY OF INDIAN, NEVADA

INDIAN SPRINGS AF AUX (KINS)

(FOR DAY VFR USE ONLY)



