

MISSION DATA CARD							
OPORD		Callsign		Mission		Date/Time	
824/2022		Edelweiss 2		Training		252015APR22	
Task	Formation Training					Freq	
AO						264.25	
Departure				Recovery			
DREAM FOUR				HI-TACAN Z RWY 21L			
#	Callsign	Pilot		IFF	TCN	LSR	NET
-1	Edelweiss 2-1	Retai		1741	21Y	1741	04/01
-2	Edelweiss 2-2	Laud		1742	84Y	1742	04/02

LOADOUT			
A/A	2xA9X, 2xA120C		
A/G			
POD			
TKS	FPU-8A		
		GUN	100% HEI-T
		CHF	90
		FLR	30
		FUEL	100%

TOLD					
	Takeoff	Target	Joker	Bingo	Land
FUEL	13047			35000	

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	DREAM	LAS 354/66 BLD 342/71 (N37 10.340 W114 59.530)		
2	ARCOE	LSV 357/30 (N36 44.260 W114 55.020)	15000	
3	KUTME	N36 30.286 W114 44.075	15000	
4	Nellis AFB	N36 13 32 W115 02 37	1500	

COMMS	
Radio	Usage
1	11, 3, 4, 16, 11, 4, 3
2	A: 23 / B: 26

NOTES

<https://www.virtual-jabog32.de/forum/viewtopic.php?f=73&t=14633>

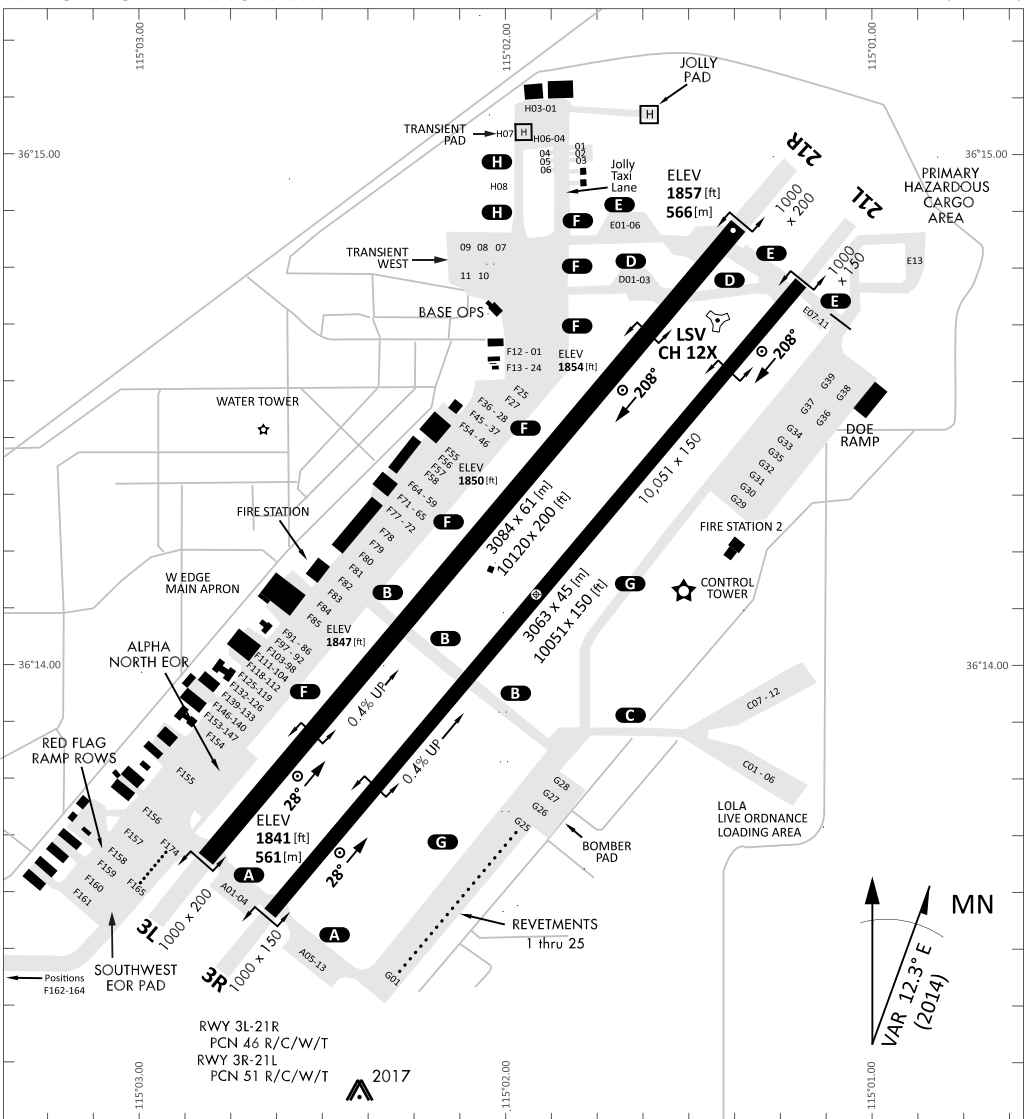
SUPPORT					
Tanker					
Callsign		TCN	Freq	ALT	TAS
SHELL 2		115Y	360.8	FL250	430
	Pos	AR-635: MLF 260/127 (N3831 W11542)			
AWACS					
Callsign	Freq	ALT	Pos		
MAGIC	377.8	FL270	N3749 W11417 - N3713 W11446		

OTHER FLIGHTS						
Callsign	Mission	Airframe	Freq	TCN	Grpld	Laser
Nasty* 5	Training	1x Ground	34.5	21/84		156X
	AO	R62	Task	CAS Training		
Jedi* 4	Training	1x Ground	35.5	21/84		156X
	AO	R65	Task	CAS Training		
Edelweiss 1	Training	2x AH-64D	264.15	21/84		171X
	AO	Nellis, Winner LZ	Task	BFT		
T-Rex 2	Training	3x A-10C	133.5	27/90	15	157X
	AO	Range 62	Task	CAS für JTAC		
Monster 1	Training	2x A-10C	131.5	27/90	25	155X
	AO	Range 62	Task	JTAC CAS Training		
Boar 3	Training	2x A-10C	132.35	27/90	23	156X
	AO	Range 65	Task	CAS für JTAC		
Panther 5	Training	2x F/A-18C	261.35	31/94		157X
	AO	74A	Task	HARM		
Cougar 1	Training	4x F-14B	261.25	21/84		156X
	AO		Task	Night Flight		
Monster 4	Training	2x A-10C	131.5	27/90	25	155X
	AO	Range 64	Task	JTAC CAS Training		
Monster 1	Training	2x A-10C	131.5	27/90	25	155X
	AO	Range 64	Task	JTAC CAS Training		

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	
T	O	U	C	H	I	N	G	L	Y	
KTC 1400 C										
	0	1	2	3	4	5	6	7	8	9
A	HJMA	CPL	VDK	ET	FB	IWS	YX	GU	QR	NO
B	YQWV	OAS	TCH	FP	UX	LRD	MN	GJ	BE	IK
C	AIHR	EJY	QMB	UL	WO	VPT	CK	FD	XS	GN
D	VDJR	AYC	LEX	QW	ON	UBH	IK	TM	PG	SF
E	EDKG	NFQ	OXB	TI	AC	WUJ	VH	MP	LY	SR
F	KQEP	LTX	ORA	IH	CN	JBW	FV	MU	YS	DG
G	BNAD	IGJ	CKF	OW	ER	STM	QL	YP	VH	UX
H	QAKO	DCF	JHE	GV	LP	IUR	SB	XT	WM	NY
I	GCTM	IAX	UYH	BV	KS	FRE	PW	DO	JQ	LN
J	XWMN	DTJ	IVC	FU	RB	PEA	KL	SG	OH	YQ
K	DUNS	TFX	WBG	OI	AC	MPQ	EH	VY	RJ	KL
L	RSTH	FEK	PWQ	VC	AN	BYL	UD	IG	MJ	XO
M	SCWB	AJX	TPH	NI	QR	MVE	DO	GK	YU	FL
N	RSYG	IWB	DEQ	JF	HC	PON	VL	MA	TX	KU
O	SULV	RQY	MKH	AJ	DN	TIO	EC	FW	XP	BG
P	JQAC	BWT	YHG	FO	KM	RPI	NL	XD	EU	VS
Q	ALDX	BPQ	KYU	JV	RO	INE	SG	MH	WT	FC
R	HFAR	CMU	QTI	SY	WV	JBE	LP	DX	NO	GK
S	PNHQ	XVK	DGU	TI	BR	OYW	LJ	SM	AF	EC
T	YGLF	OPX	TUB	JI	SK	VEC	MN	HR	DW	QA
U	ENJH	PQL	COA	VG	XU	MDW	BY	KI	SR	TF
V	KQXO	YLU	DIG	JT	RE	FAC	PW	NM	BH	SV
W	UMNA	RPJ	HOE	XF	LD	TCB	IY	GK	VQ	WS
X	PGYD	TJF	XSV	ON	IE	LMB	CH	QK	RA	WU
Y	DSKG	UBX	ECT	PQ	WR	FVO	IY	LM	NH	AJ

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

* Minimum † ATC Climb Rate

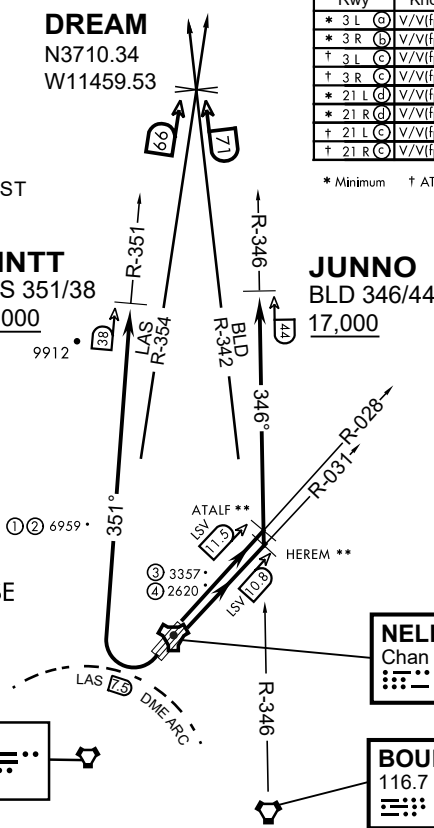
- (a) to 3600
(b) to 3100
(c) to 17,000
(d) to 8500
- ** Lead DME:
ATALF - LSV 9.5
HEREM - LSV 8.8

- 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

HI-TACAN Z RWY 21L

TACAN LSV Chan 12	APCH CRS 210°	Rwy ldg 21L 10,051 TDZE 1865 Arpt Elev 1869	Rwy ldg 21R 10,120 TDZE 1869
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JAL-227 [USAF]

NELLIS AFB (KLSV)

▼* When ALS inop, increase CAT CDE vis to 1½ miles.
 ** Circling not authorized E of Rwy 3R-21L.



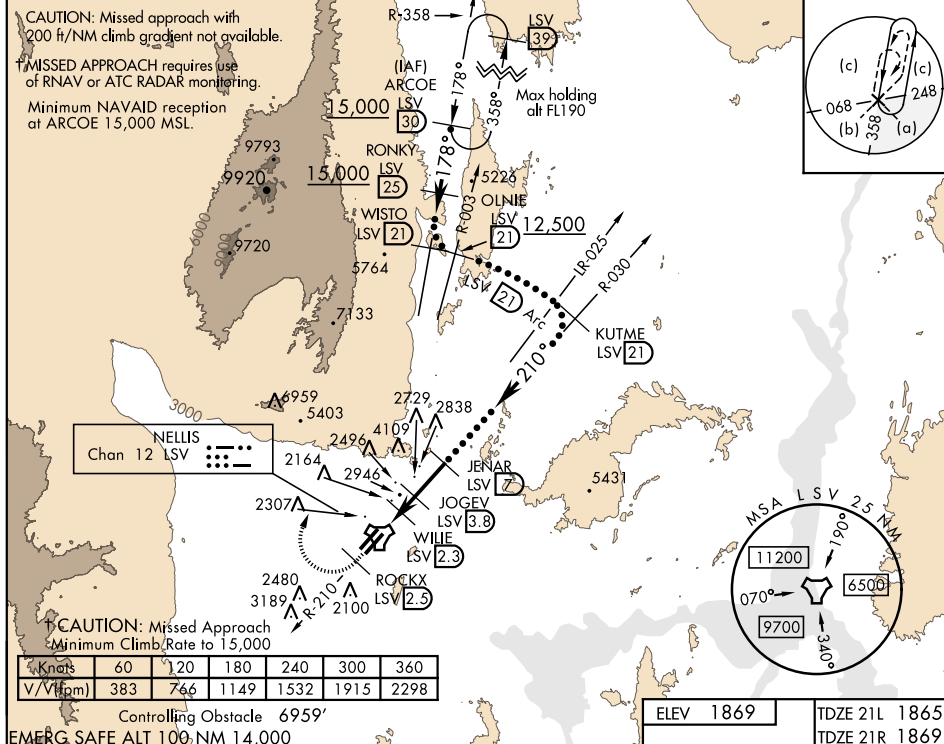
† MISSED APPROACH: Climb to 15,000, intercept LSV TACAN R-210 to 2.5 DME (ROCKX), then climbing right turn heading 020° to join LSV R-358 to ARCOE and hold, continue climb in hold to 15,000. Missed approach not for civil use.

ATIS 270.1	NELLIS APP CON 124.95 273.55	NELLIS TOWER 132.55 327.0	GND CON 121.8 275.8	CLNC DEL 120.9 289.4
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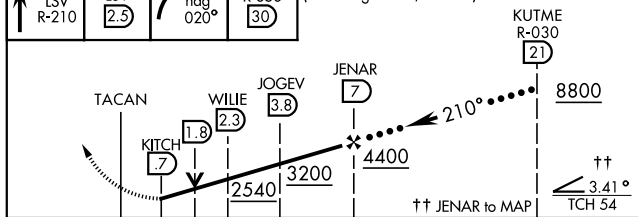
CAUTION: Missed approach with 200 ft/NM climb gradient not available.

† MISSED APPROACH requires use of RNAV or ATC RADAR monitoring.

Minimum NAVAID reception at ARCOE 15,000 MSL.

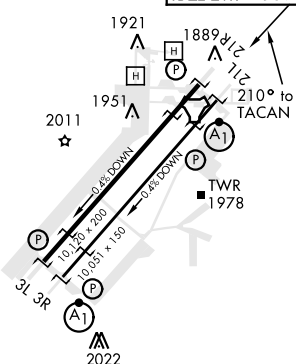


VGSI and descent angles not coincident (VGSI angle 3.00/TCH 54).



CATEGORY	C	D	E
S-21L *	2460-1¼	595 (600-1¼)	
SIDESTEP 21R	2460-1	591 (600-1)	
◻ CIRCLING **	2620-2¼ 751 (800-2¼)	2840-3 971 (1000-3)	3040-3 1171 (1200-3)

ELEV 1869	TDZE 21L 1865 TDZE 21R 1869
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HI-TACAN Z RWY 21L



INDIAN SPRINGS, NEVADA

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

114

NELLIS CON

CREECH AFB TOWER
118.30 660.60

GND CON

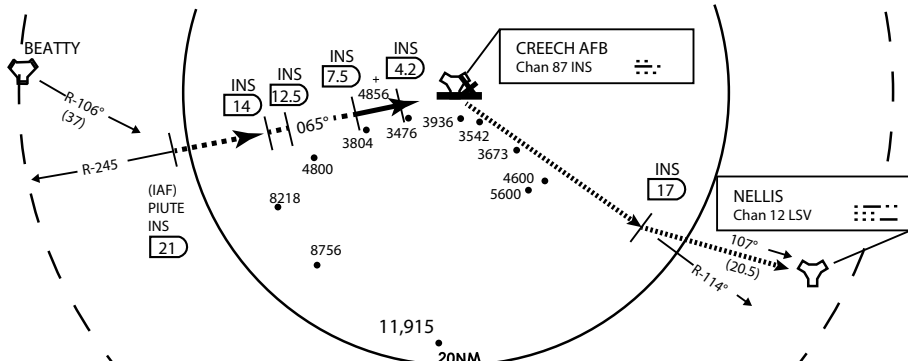
NOT FOR CIVIL USE

FOR USE UNDER BASIC VFR
WEATHER MINIMUMS ONLY

PILOT IS RESONPSIBLE
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



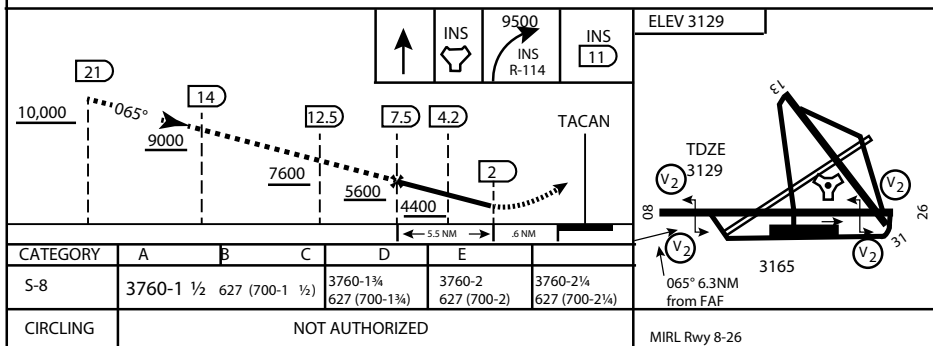
* CAUTION: Missed Approach Climb Rate to 4,700

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)

Modified by vJaBoG 66 for use with DCS

NOT FOR REAL LIFE NAVIGATION



