

MISSION DATA CARD							
OPORD		Callsign		Mission		Date/Time	
2075/2023		Vanguard		Training		242015AUG23	
Task	Weapons Training					Freq	
AO	ALAMO + R61					264.55	
Departure				Recovery			
DREAM FOUR				ALAMO			
#	Callsign	Pilot		IFF	TCN	LSR	NET
-1	Vanguard-1	Herby		3301	21Y	1681	

LOADOUT			
A/A			
A/G			
POD			
TKS			

TOLD					
	Takeoff	Target	Joker	Bingo	Land
FUEL	7758				

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	ATALF	N36 23.517 W114 52.327	5000	
2	JUNNO	BLD 346/44 (N36 43.800 W114 52.770)	10000	
3	DREAM	LAS 354/66 BLD 342/71 (N37 10.340 W114 59.530)	15000	
4	ALAMO A	N37 08.500 W115 12.550	12000	
5	T61.01	N37 09.575 W115 25.575	12000	
6	AR635.1	N38 31 W115 42	25000	
7	AR625.1	N37 17 W118 02	25000	
8	ALAMO	N37 17.565 W115 07.730	15000	
9	HAYFORD PK	N36 39.878 W115 09.615	10000	
10	APEX	LSV 027/09 (N36 21.580 W114 54.340)	4500	

SUPPORT					
Tanker					
Callsign		TCN	Freq	ALT	TAS
ARCO 1		113Y	319.8	FL250	450
	Pos	AR-625: MVA 168/77 (N3717 W11802)			
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
Rattler 1	Training	4x AH-64D	133.5	21/84		125X
	AO	LATNC	Task			
Edelweiss 6	Training	2x A-10C	134.65	21/84	40	166X
	AO	Nellis AFB	Task	BJT		
Raptor 1	Training	2x F-16C	134.0	21/84		156X
	AO	CREECH	Task	Flameout Pattern		
Raptor 2	Training	2x F-16C	134.5	21/84		157X
	AO	CREECH	Task	Flameout Pattern		
Tiger 1	Training	4x F/A-18C	261.15	11/74	1	155X
	AO	Range 71.07	Task	CCIP Bomb-Training		
Nazgul* 6	Training	4x F-15E	261.25	21/84		156X
	AO	North war	Task	Formation training		
Monster 1	Training	4x A-10C	132.15	25/88	21	161X
	AO	R64 + AR-641A	Task	AAR + Gun 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	
A	R	T	I	C	H	O	K	E	S	
KTC 1400 C										
	0	1	2	3	4	5	6	7	8	9
A	FXOB	WHU	GVY	DP	AL	CMR	IQ	JT	SN	EK
B	MVRD	NFK	CEU	HS	GT	BWI	YX	LJ	AO	PQ
C	XGCD	PSO	NUF	AE	YW	LKB	HJ	QI	MV	TR
D	LBET	CUF	HAY	KM	SN	QPO	JI	DG	XV	WR
E	JOEG	VHL	FMA	PN	KC	DTB	QX	YS	RW	UI
F	SUJM	DYV	RAG	HT	PW	FBK	EO	CL	XQ	IN
G	CBPA	ONY	VSX	WU	KH	JRF	TL	QD	EI	MG
H	YOHS	JWF	VQP	ND	BG	ALM	RE	IK	TU	CX
I	WVRX	PKD	NIT	LU	HS	BAF	GM	YC	QO	EJ
J	VYFA	LIX	DCJ	SO	ER	BGN	UT	PW	HM	KQ
K	YBAW	XOC	EUQ	NF	MJ	RHD	IS	KV	LT	GP
L	WJNO	YAB	SLC	ED	FI	UTK	HV	PG	QX	RM
M	TDGM	XJF	VSU	KR	CB	WOQ	EL	IH	YN	PA
N	VEWR	KBI	CHT	XA	OY	NQP	DJ	LU	GF	SM
O	DYFO	UMC	LNK	VW	JR	HXE	IG	BQ	ST	AP
P	JOCG	WKY	SQD	HE	IT	PNF	LU	XR	MA	VB
Q	REBH	DYP	LJT	XI	MF	KNV	SO	CG	WA	QU
R	XPGN	IBD	RKW	AQ	EO	VJH	CL	TS	YU	MF
S	OWEY	JLD	RKT	IH	BX	QFP	MU	SG	NV	CA
T	JUGL	BHO	YXW	DQ	AP	MIR	FS	KV	TN	EC
U	EDYB	UCH	SLF	TO	MP	KWQ	IR	VX	NJ	AG
V	DGWK	NSF	ICH	XU	MQ	RJT	PY	LE	AV	BO
W	DOMW	NEH	SIF	VU	JB	LTR	YP	QX	KG	AC
X	HSAL	XFW	BOM	JV	RK	YUD	PG	EQ	TN	CI
Y	GKSU	JEV	AXD	FO	IW	YNB	CQ	PR	TM	LH

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	ELEV	Scale
	21L	A B D E	2057 - 0.8 200 (200-0.8/1.6) GS 3°	36° 14.060° N	1857 [ft]	Scale 1:35' 500
	3R	A B D E	2057 - 0.8 200 (200-0.8/1.6) GS 3°	115° 01.058° W	566 [m]	0 300 600 900 1200 1500 [m]
SRA	21R	A C D E	2257 - 1.2 350 (350-1.2/1.6)			0 1000 2000 3000 4000 5000 [ft]
	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

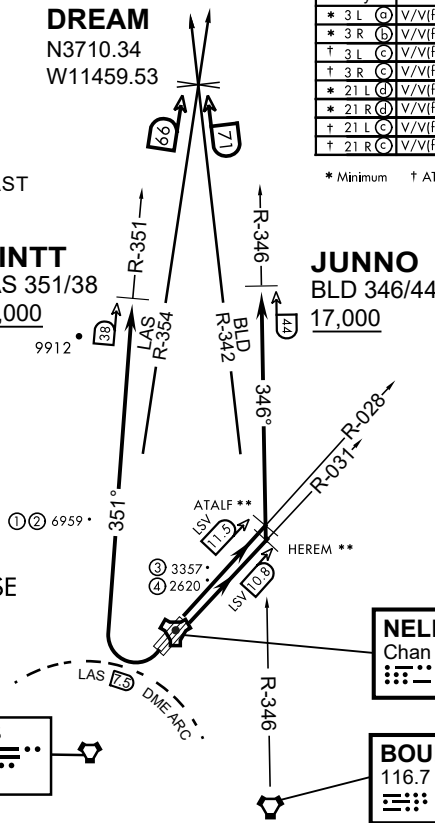
- (a) to 3600
(b) to 3100
(c) to 17,000
(d) to 8500
- ** Lead DME:
ATALF - LSV 9.5
HEREM - LSV 8.8

- 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

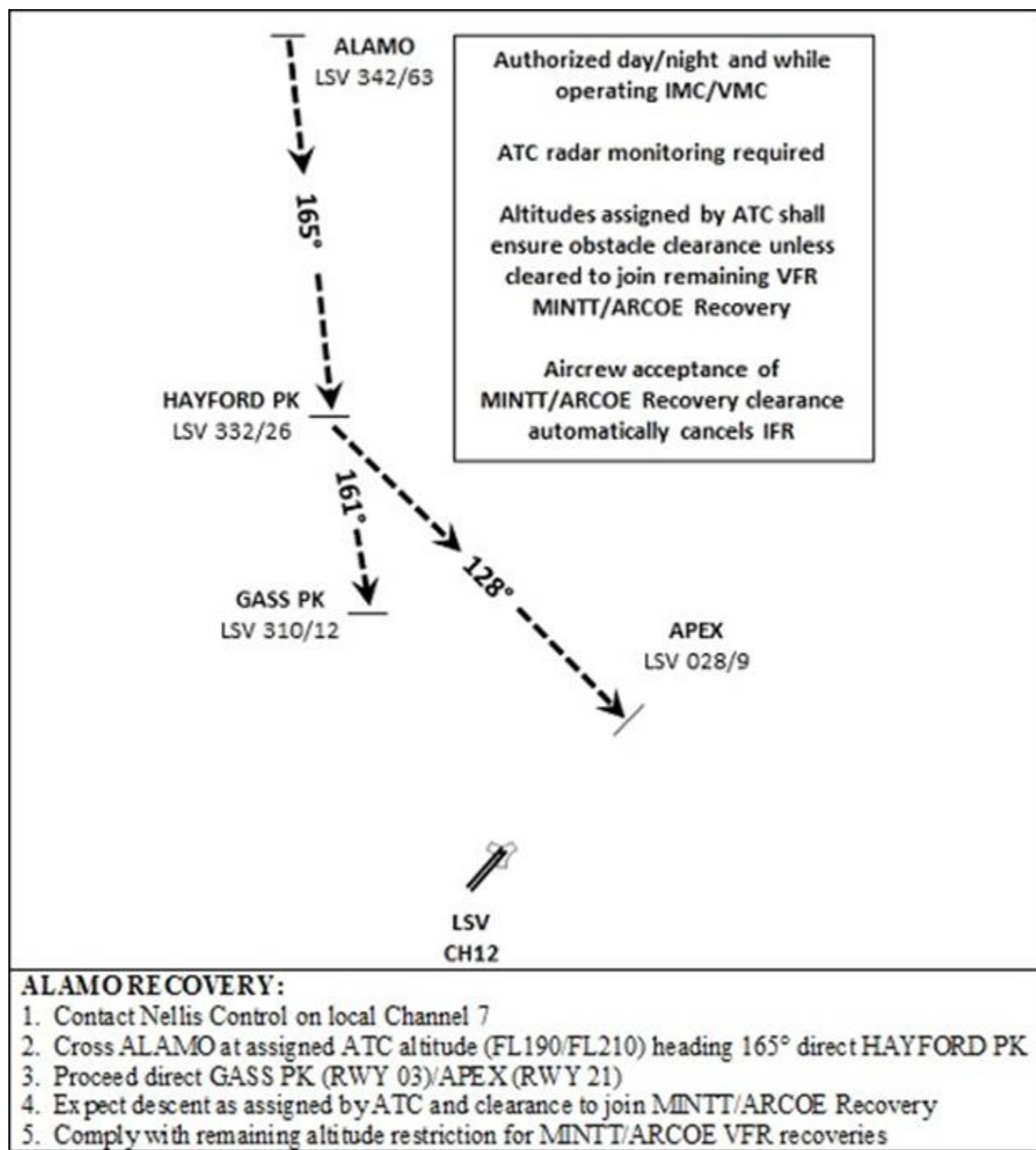
- Fly runway heading to intercept the LSV TACAN R-031 then direct HEREM, intercept the BLD VORTAC R-346 then direct JUNNO, cross JUNNO at or above 17,000, then via assigned route.

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

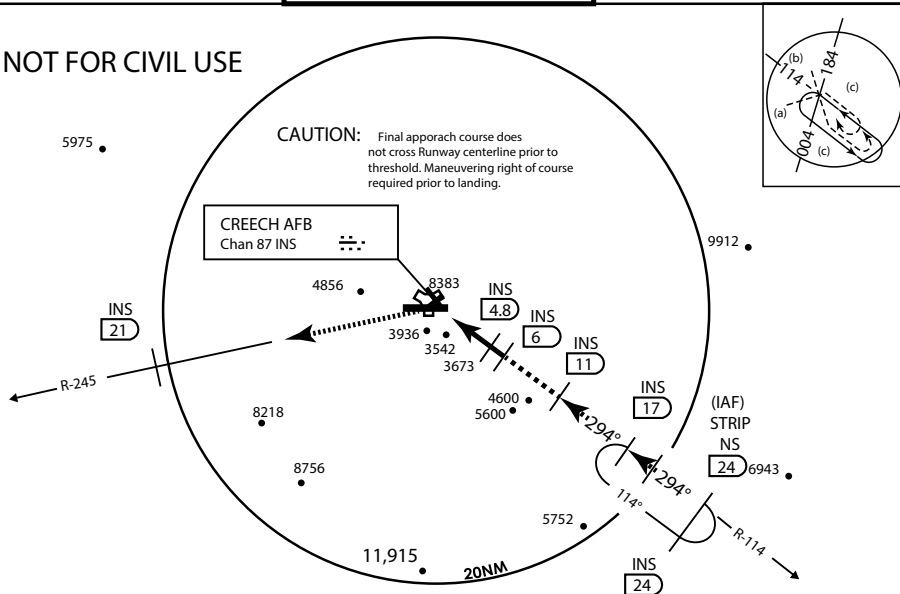
TACAN INS Chan 87	APCH CRS 294 °	Rwy Idg TDZE Arpt Elev	9002 3133 3113
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INDIAN SPRINGS AF AUX (KINS)

	* MISSED APPROACH: Direct INS then outbound INS t8-2#DME climbing to 10,000.
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NELLIS CON -	INDIAN SPRINGS TOWER 118.30 1360.60	GND CON -
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NOT FOR CIVIL USE

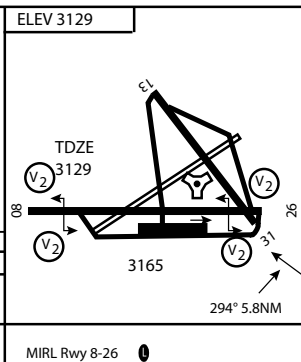
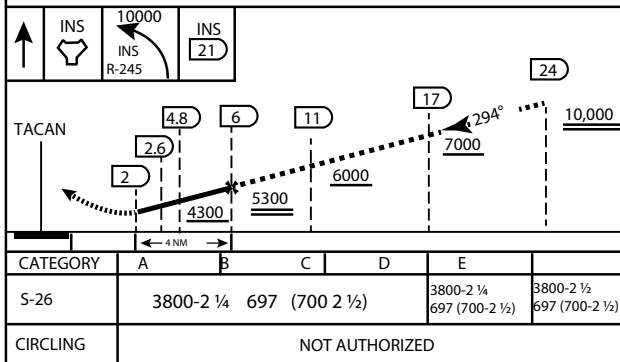


* CAUTION: Missed Approach Climb Rate to 4,700

Knots	60	120	180	240	300	360
V/V (fpm)	450	900	1350	1800	2250	2700

Controlling Obstacle 3936

EMERG SAFE ALT 100 NM 14,000



CITY OF INDIAN, NEVADA

INDIAN SPRINGS AF AUX (KINS)

Modified by vJaBoG 66 for use with DCS
NOT FOR REAL LIFE NAVIGATION



