

MISSION DATA CARD						
OPORD		Callsign		Mission		Date/Time
1932/2023		Vanguard 1		Training		252015MAY23
Task	Bombing Training					Freq
AO	R-61					264.55
Departure				Recovery		
DREAM FOUR				TIMBR		
#	Callsign	Pilot		IFF	TCN	LSR NET
-1	Vanguard 1-1	Herby		3311	21Y	1681

LOADOUT			
A/A		GUN	100% none
A/G	12xM82	CHF	60
POD	TGP	FLR	120
TKS		FUEL	100%

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 31 W114 52 20	10000	
2	JUNNO	BLD 346/44 (N36 43 48 W114 52 46)	20000	
3	DREAM	LAS 354/66 BLD 342/71 (N37 10 20 W114 59 32)	20000	
4	Alamo N Point	LSV 333/60 (N37 12 48 W115 20 30)	15000	
5	TIMBR	LSV 011/33 (N36 45 W114 44 35)	13000	
6	GASS PEAK	LSV 309/12 (N36 24 08 W115 10 40)	9000	
7	SIMNS	LSV 276/8 (N36 17 20 W115 10 45)	5500	
8	CRAIG	LSV 263/5.5 (N36 15 15 W115 08 16)	5000	

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	GrpId	Laser
Edelweiss 6	Training	3x A-10C	134.65	21/84	40	166X
	AO	R66 and Area SW of FYTTR	Task	Formation Procedures Day		
Tiger 1	Training	4x F/A-18C	261.15	11/74	1	155X
	AO	Tonopah Airfield	Task	SLAM Attack on parking Planes		
Raptor 1	Training	4x F-16C	261.25	21/84		156X
	AO	BFM Range	Task	BFM training with Cougars		
Panther 1	Training	4x F/A-18C	261.35	31/94		157X
	AO	Range 64	Task	Bomb delivery		
Tiger 2	Training	4x F/A-18C	261.15	11/74	1	155X
	AO	Tonopah Airfield	Task	SLAM Attack on parking Planes		

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	
S	U	B	J	E	C	T	I	O	N	
KTC 1400 C										
	0	1	2	3	4	5	6	7	8	9
A	QDYC	PUA	TXH	WN	OR	IKJ	FG	SM	EV	LB
B	KJUD	BHA	NMX	YP	WG	LRC	QT	OI	SF	EV
C	NKDH	AOS	XUJ	QI	ET	RFB	LG	CY	PW	MV
D	DUXY	JBS	EFO	QM	HR	TIN	CG	LP	WA	VK
E	ICGX	RSF	EBQ	VH	DK	UYP	TL	MO	NA	JW
F	UOTS	DCG	FRJ	KN	QW	HYE	IX	PB	MA	VL
G	BWXN	DJM	HKL	CT	YV	SOF	EI	AP	QR	GU
H	DXNY	HOM	VEJ	UW	CT	SIR	AQ	LF	PG	BK
I	LRKB	QYM	NJA	XO	CD	FIE	UT	GS	PH	VW
J	RADU	MHT	GBS	NX	KE	IVL	QJ	FY	CO	WP
K	KTHB	IWO	VJU	QF	CG	DYX	RP	LE	AM	NS
L	SJLV	GPR	MNW	UD	EY	FIA	QH	XC	OT	KB
M	YJVU	CID	AQO	LK	MF	PWX	BE	SG	NT	HR
N	DLUV	NWF	GIB	CP	SO	ETQ	XK	AM	RJ	YH
O	MQOV	XPK	AGI	ED	BY	WTU	HL	SN	RF	CJ
P	DTOW	UYH	KMC	FP	QS	XIJ	EG	VR	AN	LB
Q	MVBK	FED	NCH	WP	AY	GUX	JT	OS	RQ	IL
R	DHJG	EVW	RMS	CK	TX	PIQ	BL	UA	NY	OF
S	XJEL	QMR	PVC	OG	KN	FBA	TI	WD	SH	YU
T	RFHU	SXQ	LPI	MN	DT	JCA	VG	YK	EO	WB
U	GNKF	BUQ	XRD	TM	VY	PCL	WS	EA	HI	OJ
V	GBSV	TUI	XOK	YA	RM	WQC	FH	ND	LJ	EP
W	PSGN	REQ	COX	TV	IW	HMU	JK	BD	FL	YA
X	DAQC	OER	FIJ	KL	NU	VPX	SM	TY	GW	BH
Y	AELJ	SGM	WHQ	CD	FB	YPV	XO	NK	UI	TR

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

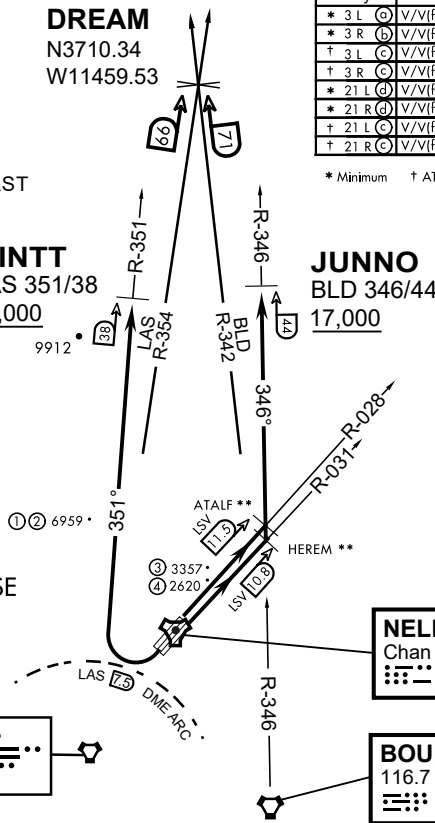
** Lead DME:
ATALF - LSV 9.5
HEREM - LSV 8.8

- 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

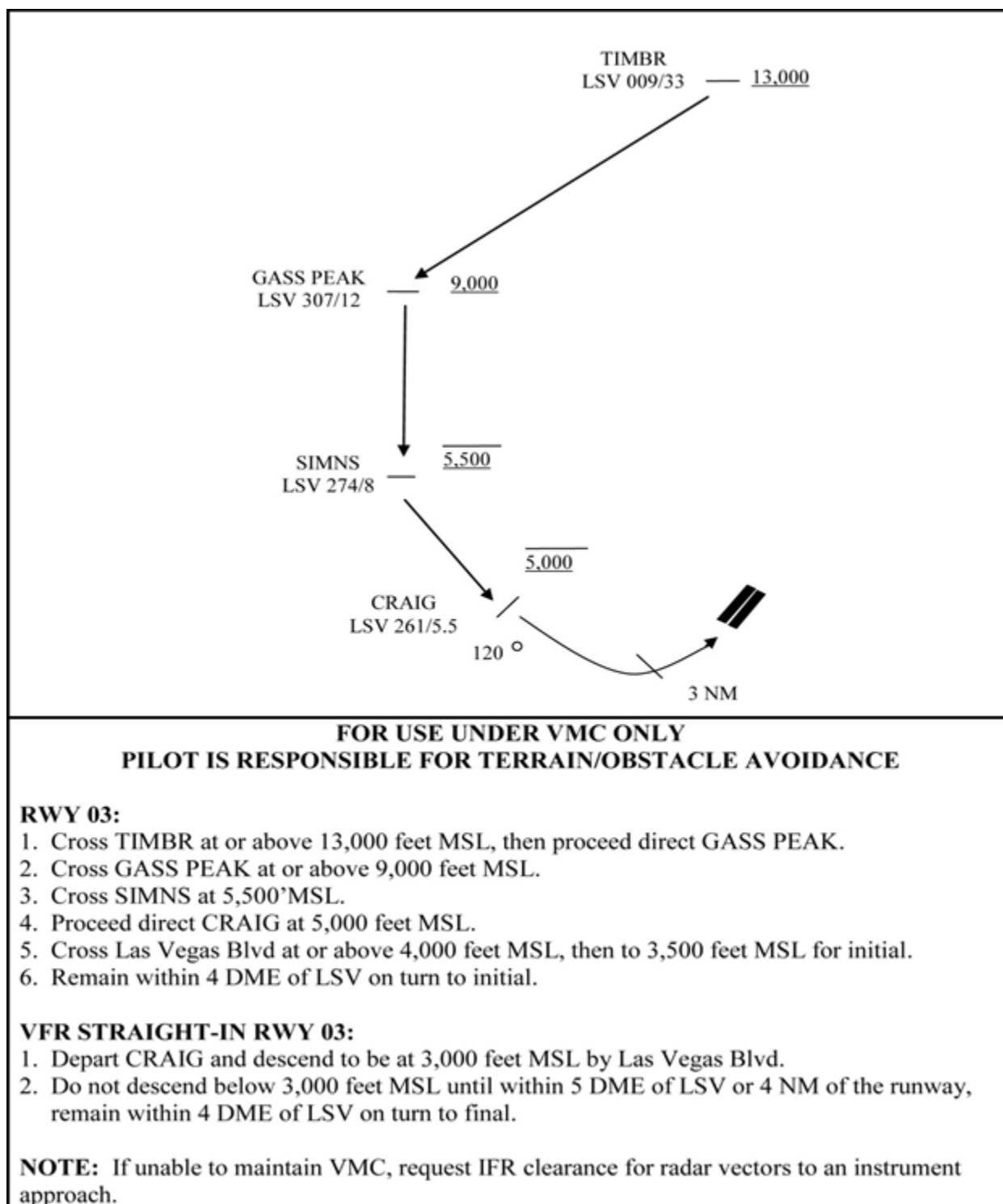
- Fly runway heading to intercept the LSV TACAN R-031 then direct HEREM, intercept the BLD VORTAC R-346 then direct JUNNO, cross JUNNO at or above 17,000, then via assigned route.

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 A23.4. TIMBR Recovery (Not For Use In IMC).





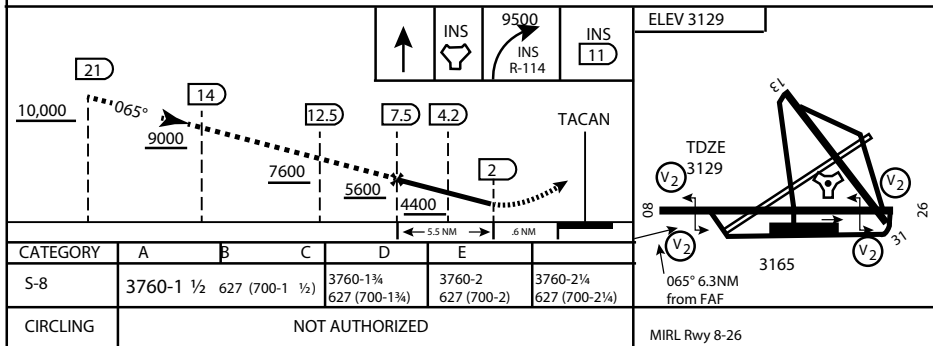
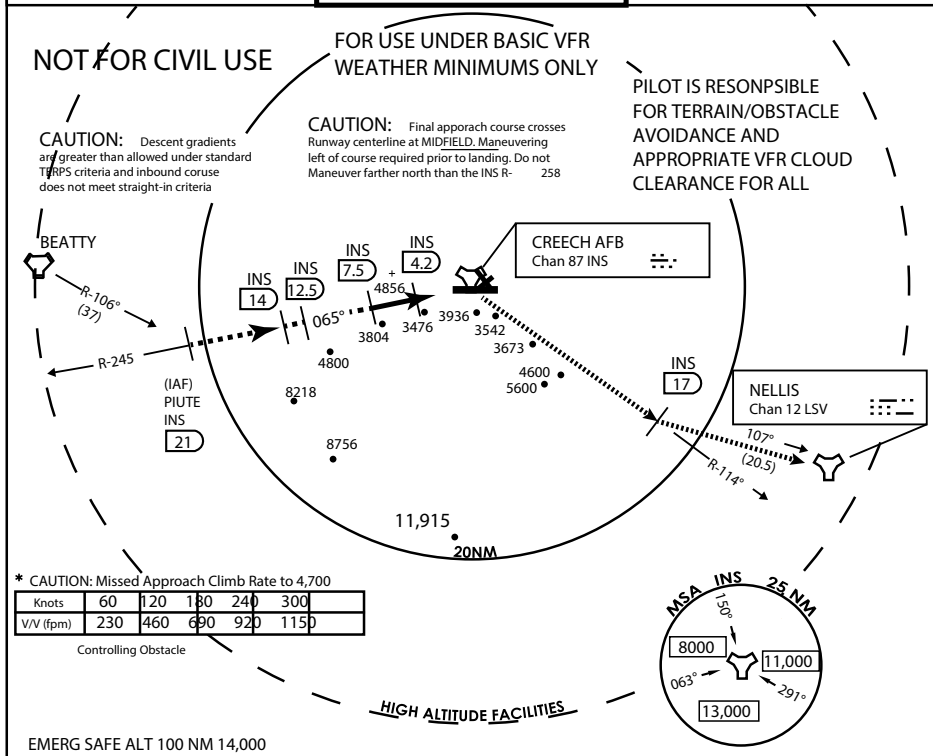
INDIAN SPRINGS, NEVADA

TACAN INS Chan 87	APCH CRS 065 °	Rwy ldg TDZE 3133	3002 3113
		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	114
----------	---	-----

NELLIS CON	CREECH AFB TOWER 118.30 660.60	GND CON
------------	-----------------------------------	---------



CITY OF INDIAN, NEVADA	INDIAN SPRINGS AF AUX (KINS)
------------------------	------------------------------

(FOR DAY VFR USE ONLY)



