

MISSION DATA CARD								
OPORD		Callsign		Mission		Date/Time		
1926/2023		Vanguard 1		Training		212000MAY23		
Task							Freq	
AO	R-61B						264.55	
Departure				Recovery				
DREAM LOW				TIMBR				
#	Callsign		Pilot		IFF	TCN	LSR	NET
-1	Vanguard 1-1		Herby		3311	21Y	1561	

LOADOUT			
A/A			GUN
A/G			CHF
POD			FLR
TKS			FUEL

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

FLIGHTPLAN				
#	Name	Navaid/Coords/DME	ALT	TOT
1	JUNNO	BLD 346/44 (N36 43 48 W114 52 46)		
2	DREAM	LAS 354/66 BLD 342/71 (N37 10 20 W114 59 32)		
3	Alamo N Point	LSV 333/60 (N37 12 48 W115 20 30)		
4	T61.01	N37 09 34 W115 25 35		
5	TIMBR	LSV 011/33 (N36 45 W114 44 35)		
6	GASS PEAK	LSV 309/12 (N36 24 08 W115 10 40)		
7	SIMNS	LSV 276/8 (N36 17 20 W115 10 45)		
8	TIMBR	LSV 011/33 (N36 45 W114 44 35)		
9	GASS PEAK	LSV 309/12 (N36 24 08 W115 10 40)		
10	SIMNS	LSV 276/8 (N36 17 20 W115 10 45)		
11	CRAIG	LSV 263/5.5 (N36 15 15 W115 08 16)		

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		

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	
C	O	N	F	I	G	U	R	E	S	
KTC 1400 C										
	0	1	2	3	4	5	6	7	8	9
A	TCHO	PVA	KMU	XG	YW	NFQ	SR	BL	EI	JD
B	CRJH	EXY	UVW	AD	BF	TQN	MI	LG	SK	OP
C	FKIQ	HAO	UTW	PS	NM	CRY	VD	GB	XJ	EL
D	AFSJ	KBQ	CVO	LI	MH	ENU	RW	GY	PX	TD
E	UEHF	WRT	XJI	MO	LG	KBD	AQ	NC	VP	SY
F	RJAN	VFU	EDH	ML	SY	PXT	OK	BG	WC	IQ
G	TEOJ	BUC	FAR	SW	HL	MPY	QI	GK	DN	VX
H	WSMI	QBX	JTC	HU	VN	LGP	FR	AD	KE	YO
I	YJIX	VQG	CLH	FP	TN	UBW	EA	MR	KO	DS
J	HFKG	OIW	YQB	EU	TA	RCS	XD	LP	MJ	VN
K	NFUY	CWO	GAM	LR	XJ	KSB	DP	QI	EH	VT
L	WMFR	EGU	ABV	YS	NH	JOT	IX	LK	QC	DP
M	VCGT	RIA	UDS	FQ	LN	XOW	YP	EM	JB	KH
N	TRJX	UIA	GSW	FY	BM	CQP	KL	EH	VN	OD
O	NHEO	TAR	SLK	MI	BG	WVD	CY	FQ	JP	UX
P	RJLU	TBK	WFG	OE	IP	SNV	CM	HY	QD	XA
Q	PGIS	KOA	RBX	JM	YW	DEF	QN	CT	HV	UL
R	WVPA	MRL	FKG	SQ	JD	IEU	XN	YH	OB	CT
S	MTVX	IWG	LPF	QU	SB	DNY	EJ	HR	OA	KC
T	TQWS	RPH	KUX	FB	GM	AOD	JN	IE	CY	LV
U	UDWX	MYQ	VCB	AJ	LT	SHF	PG	RI	NE	OK
V	RTDU	OAC	LSY	FN	VI	MJH	PK	GQ	XB	WE
W	XOYF	MTS	INJ	PE	AK	UCB	QW	LV	RH	GD
X	NASK	VEG	CMR	JT	IX	FDY	PL	HU	OB	WQ
Y	DJKF	MNI	SHB	TV	YA	GPW	LR	OC	UX	QE

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

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

