

MISSION DATA CARD								
OPORD		Callsign		Mission		Date/Time		
1925/2023		Vanguard		Training		222015MAY23		
Task	Bombing					Freq		
AO	R-61B					264.55		
Departure				Recovery				
DREAM LOW				TIMBR				
#	Callsign		Pilot		IFF	TCN	LSR	NET
-1	Vanguard-1		Herby		3301	21Y	1561	

LOADOUT			
A/A	2xA9M	GUN	100% none
A/G	8xM82A	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	JUNNO	BLD 346/44 (N36 43 48 W114 52 46)	20000	
2	DREAM	LAS 354/66 BLD 342/71 (N37 10 20 W114 59 32)	20000	
3	Alamo N Point	LSV 333/60 (N37 12 48 W115 20 30)	20000	
4	TIMBR	LSV 011/33 (N36 45 W114 44 35)	13000	
5	GASS PEAK	LSV 309/12 (N36 24 08 W115 10 40)	9000	
6	SIMNS	LSV 276/8 (N36 17 20 W115 10 45)	5500	
7	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	Grpld	Laser
Raptor 1	Training	4x F-16C	134.0	21/84		156X
	AO	Air Start A2A Range	Task	BFM - Snapshot		
Cougar 1	Training	4x F-14B	261.25	21/84		156X
	AO	Northwar	Task	Formation Landing & Takeoff		
Jedi* 6	Training	4x AH-64D	133.15	21/84		147X
	AO		Task	Buddy Lase		
T-Rex 2	Training	3x A-10C	132.25	27/90	25	165X
	AO		Task	AAR		
Monster 4	Training	2x A-10C	132.15	27/90	22	165X
	AO		Task	AAR		

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	M	P	U	L	S	I	V	E	
KTC 1400 C										
	0	1	2	3	4	5	6	7	8	9
A	OYFW	UTN	KIQ	DM	CH	GSP	RV	XL	JE	AB
B	UBGF	QTX	VOY	EW	NR	DSK	LH	AC	JI	PM
C	DMPQ	HVB	KJO	RI	US	TEL	CY	GN	XF	AW
D	CHSQ	UJP	ALY	IR	FM	KVO	GT	EW	XD	BN
E	WCTE	QPS	RDH	VF	MU	OIK	AG	LN	BX	JY
F	AEPB	XMG	JFU	VI	SQ	KRH	WL	YO	ND	TC
G	QOSB	KDJ	RNP	IF	CA	LTG	UE	HX	VM	WY
H	XFHP	BOM	TIJ	YD	AK	QLE	RS	VW	GC	UN
I	QDUI	BOF	MKL	WP	VA	YHT	RJ	NS	CG	EX
J	TOHM	XCA	UFY	WJ	PR	BIG	LE	NV	DQ	SK
K	QPYS	HUT	WNM	AC	VF	LDK	XB	GO	JE	RI
L	MQNA	DEK	BOI	CP	UR	STW	GF	JL	XH	VY
M	MQPE	HTV	KCR	NB	GL	JYW	FU	AX	SO	ID
N	LCDF	VUE	WSG	IP	AY	MNK	HJ	BT	RQ	OX
O	VHYM	NSC	XLA	DJ	PG	TEB	QK	IF	RU	OW
P	RUNS	KYF	WDM	CL	AQ	PXE	JT	BG	IO	VH
Q	PIVO	JWX	UKL	BS	FD	TAE	YQ	GM	CH	NR
R	JFWQ	TVH	KLI	SX	BP	ODE	AC	GU	YN	MR
S	NXKJ	YVF	WHL	TG	RI	BPC	EQ	MA	OU	DS
T	AWKD	ICH	VTL	GU	OF	BPX	YJ	MR	EN	SQ
U	JAQC	UNH	EKT	FL	MY	BXD	VW	SR	PO	IG
V	DSBV	EAJ	GQT	PO	HL	CRY	NM	IF	XW	UK
W	SVUR	NBP	CJD	YH	OM	FQK	IT	LE	WX	GA
X	FGOW	TMC	RNS	BA	KX	PHL	IE	QU	VY	DJ
Y	RYVP	KNI	FEM	JL	TB	QWA	XH	GC	SD	OU

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



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

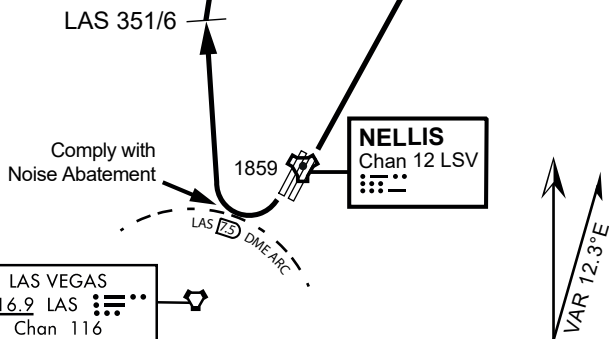
MINTT
LAS 351/38

JUNNO
BLD 346/44
Chan 114

VMC ONLY

PILOT RESPONSIBLE FOR TERRAIN AVOIDANCE

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



DEPARTURE ROUTE DESCRIPTION

TAKE-OFF RWY 3 L/R

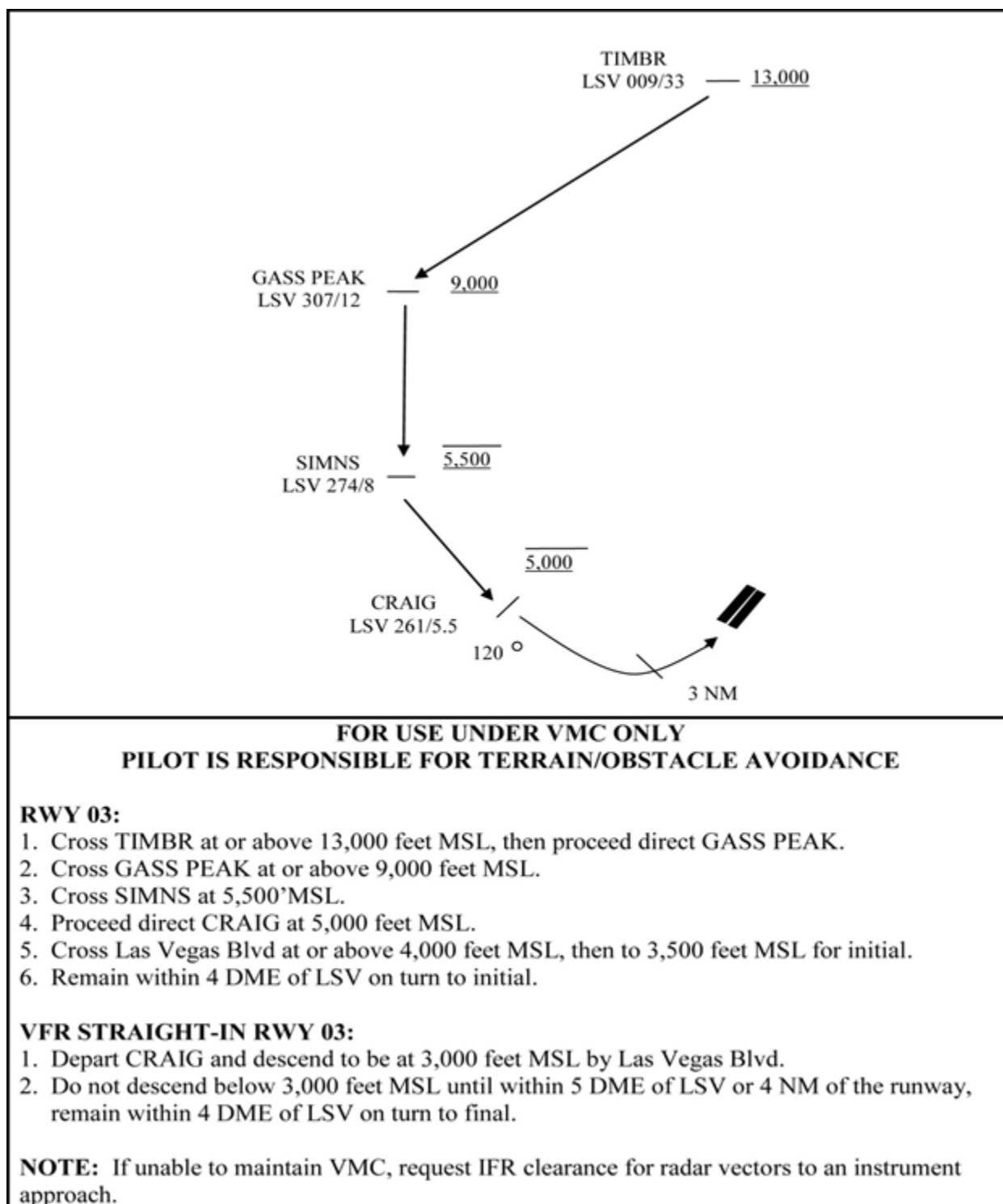
- Remain below 3000' MSI until departure end of runway.
- Request VFR cruising altitude on departure, maintain VFR during climb.
- Fly DREAM FOUR ground track to DREAM, proceed VFR to scheduled airspace.

TAKE-OFF RWY 21 L/R

- Follow Noise Abatement procedures
- Request VFR cruising altitude on departure, maintain VFR during climb.
- Fly DREAM FOUR ground track to DREAM, proceed VFR to scheduled airspace.

DREAM LOW DEPARTURE (AFBI)

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





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

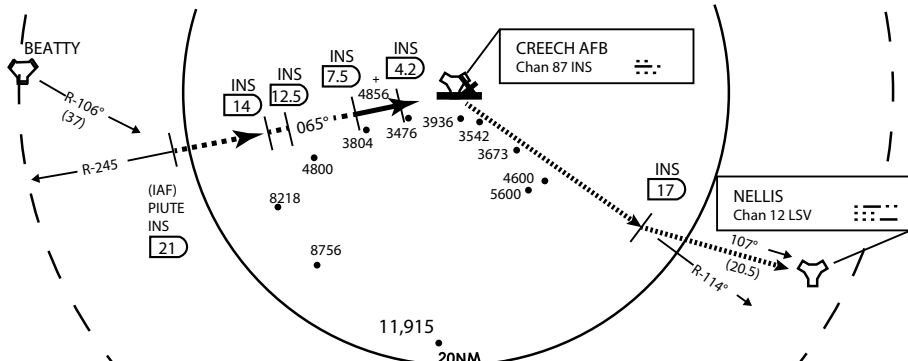
NOT FOR CIVIL USE

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



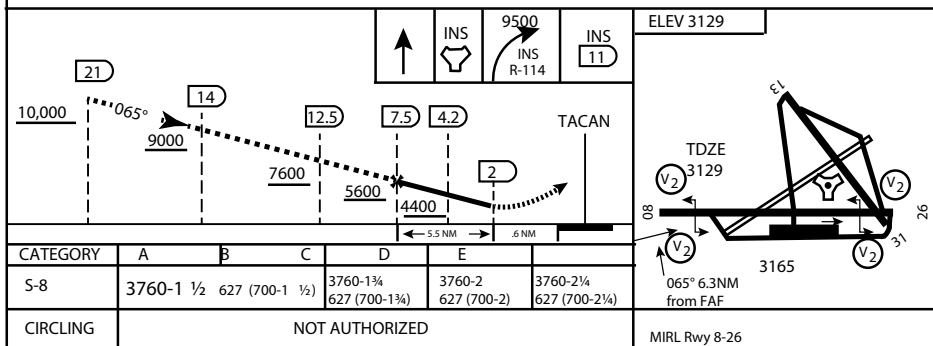
* CAUTION: Missed Approach Climb Rate to 4,700

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



