

MISSION DATA CARD							
OPORD		Callsign		Mission		Date/Time	
2010/2023		Nazgul* 1		Training		032000JUL23	
Task	TCC Training						Freq
AO	North War						261.25
Departure				Recovery			
DREAM FOUR				RAMMM			
#	Callsign	Pilot		IFF	TCN	LSR	NET
-1	Nazgul* 1-1	Striver/Uta		1101	21Y	1561	
-2	Nazgul* 1-2	Razorback/Bane		1102	84Y	1562	
-3	Nazgul* 1-3	Repsus/Lempo		1103	84X	1563	

LOADOUT			
A/A	2xC9M		GUN 100% SAPHEI
A/G			CHF 120
POD			FLR 60
TKS			FUEL 100%

TOLD					
	Takeoff	Target	Joker	Bingo	Land
FUEL	22588				

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	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 43.800 W114 52.770)		
2	DREAM	LAS 354/66 BLD 342/71 (N37 10.340 W114 59.530)		
3	Student Gap	LSV 349/82 (N37 37 W115)		
4	RAMMM	LSV 024/38 (N36 45 W114 33.330)		
5	APEX	LSV 027/09 (N36 21.580 W114 54.340)		
6	TIMBR	LSV 011/33 (N36 45 W114 44.580)		
7	SIMNS	LSV 276/8 (N36 17.340 W115 10.750)		
8	CRAIG	LSV 263/5.5 (N36 15.250 W115 08.270)		

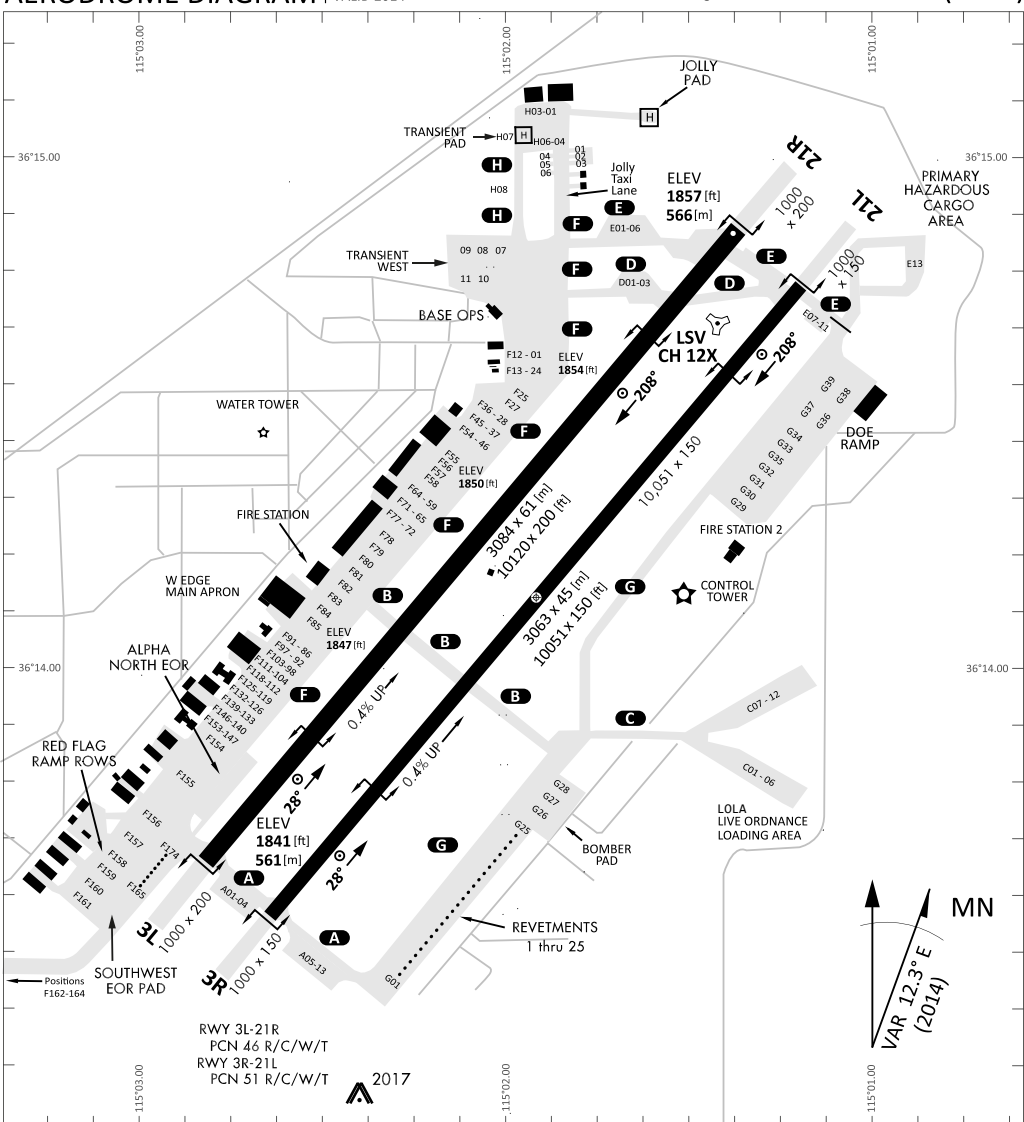
SUPPORT					
Tanker					
Callsign		TCN	Freq	ALT	TAS
TEXACO 2		95Y	289.7	FL220	420
	Pos	Pegasus.1: CDC 166/102 (N3730 W11440)			
AWACS					
Callsign	Freq	ALT	Pos		
MAGIC	377.8	FL270	N3749 W11417 - N3713 W11446		

OTHER FLIGHTS						
Callsign	Mission	Airframe	Freq	TCN	Grpld	Laser
Edelweiss 1	Training	4x F-15E	261.35	21/84		156X
	AO	North War	Task	TCC 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	
O	V	E	R	P	A	Y	I	N	G	
KTC 1400 C										
	0	1	2	3	4	5	6	7	8	9
A	AIRT	FDW	JGO	SN	VQ	BKU	CM	EP	LH	YX
B	JPFO	WVE	GKM	TB	QC	XNU	YL	HA	IS	RD
C	LMJO	QYU	WEN	DH	GA	SBX	TI	CV	FR	PK
D	WETC	VQB	XLD	IJ	SH	KUP	OR	YA	FM	GN
E	QGFK	RJC	HYV	SD	UO	BPL	IN	AM	TE	XW
F	USBT	LGO	QIW	HA	EV	PJD	MN	YX	FC	KR
G	CFVM	YSK	XTR	QA	GB	JEU	LI	WH	OP	DN
H	RJVM	LYA	HCW	XD	UO	TFE	IK	PB	GN	QS
I	FYDX	OIL	WRJ	NK	EG	CVP	QS	BT	AH	MU
J	FAUB	OHL	PRJ	TD	IX	GKW	VQ	ES	CY	MN
K	AYVP	DXU	HNQ	EL	TW	JRC	IK	SM	GF	BO
L	TGDU	HCF	KEQ	IS	PB	VLM	YW	NA	XR	OJ
M	SQTR	OWC	FNV	UK	PD	GMJ	BL	HX	EA	YI
N	QYVO	ULX	FKE	NW	AT	PSD	JI	BR	GH	CM
O	OPKI	XDT	UWF	GR	MB	EHS	LC	NY	QJ	AV
P	ORUT	SDB	FIJ	XA	GP	QYH	LV	CE	WK	NM
Q	OUPC	HAB	DXG	FI	JE	LSQ	VT	WN	YK	RM
R	XHYQ	MPK	BLG	AF	CO	WJI	ED	VU	RS	NT
S	WGRP	CFX	AQD	ET	IL	UVK	YS	JM	HB	ON
T	DOYI	FRW	GMK	CS	VU	LTX	PQ	NH	JA	EB
U	HSTF	RIV	KCE	PY	GB	JXO	UQ	LW	AM	DN
V	SLBN	ETA	MFD	PO	IY	QHX	GC	VR	UJ	WK
W	BIXJ	HKC	LPE	GS	WD	NUR	VF	AM	YT	QO
X	RNXW	APL	EDJ	OG	QY	HTB	CI	UF	MS	VK
Y	AUCY	ROG	VTX	DI	KM	NBP	FE	SJ	LQ	HW

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/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

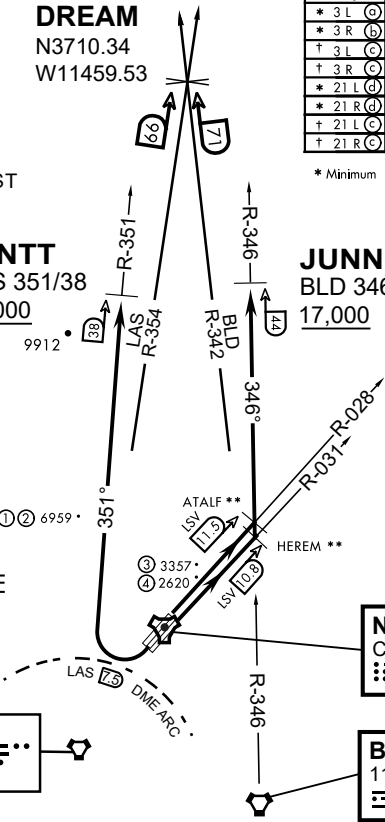
CAUTION: If unable to comply with restrictions advise ATC prior to departure.

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

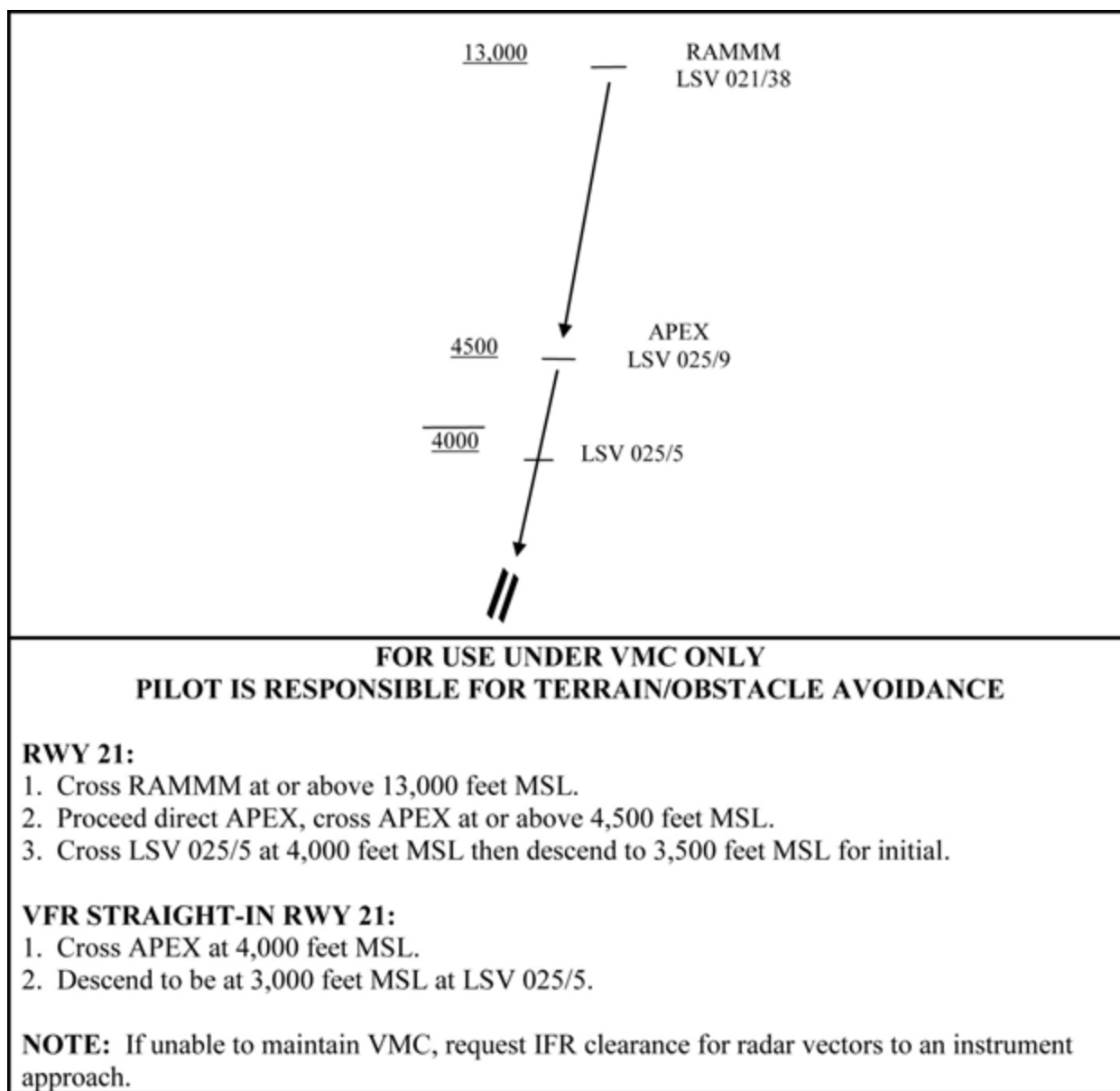
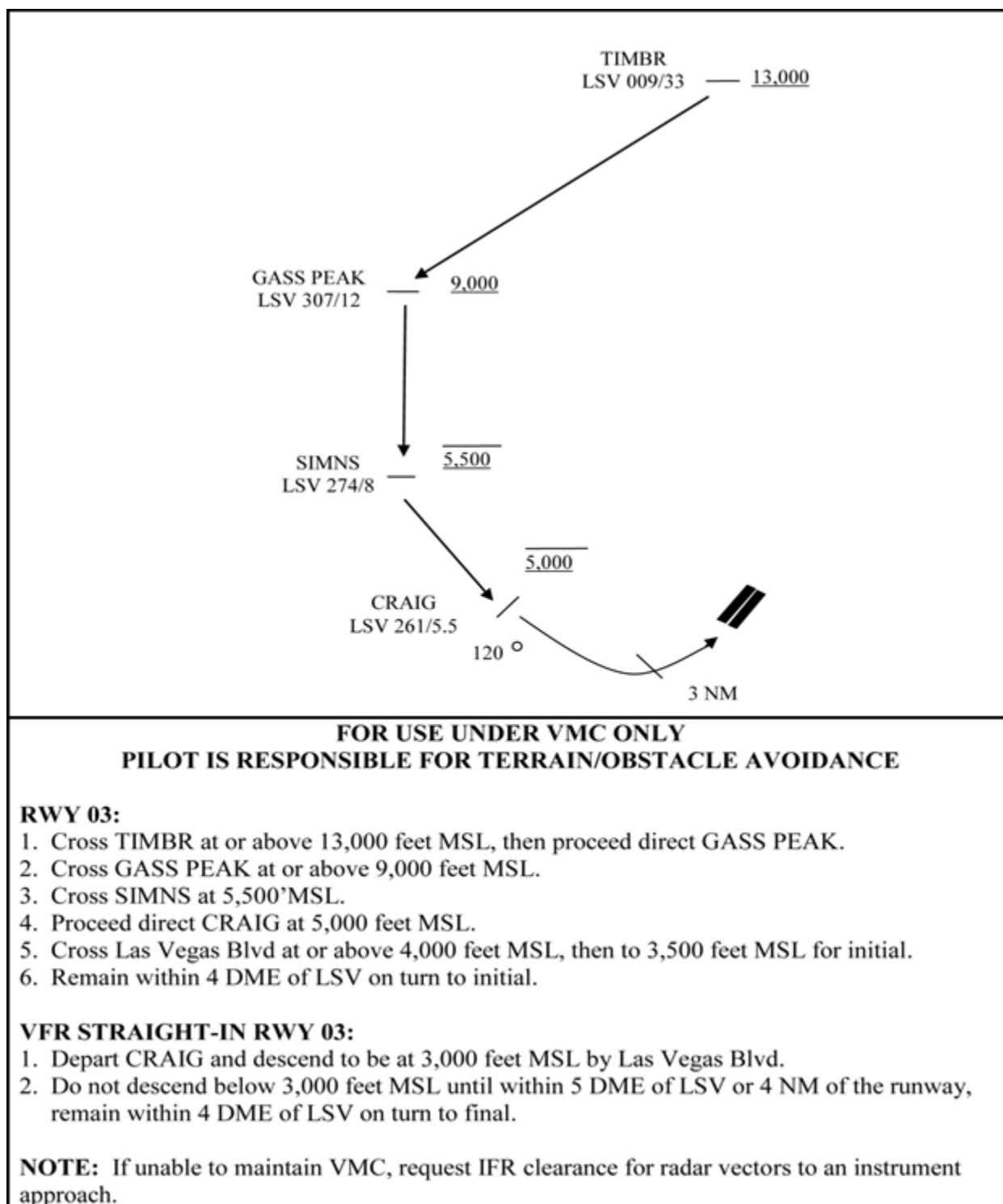
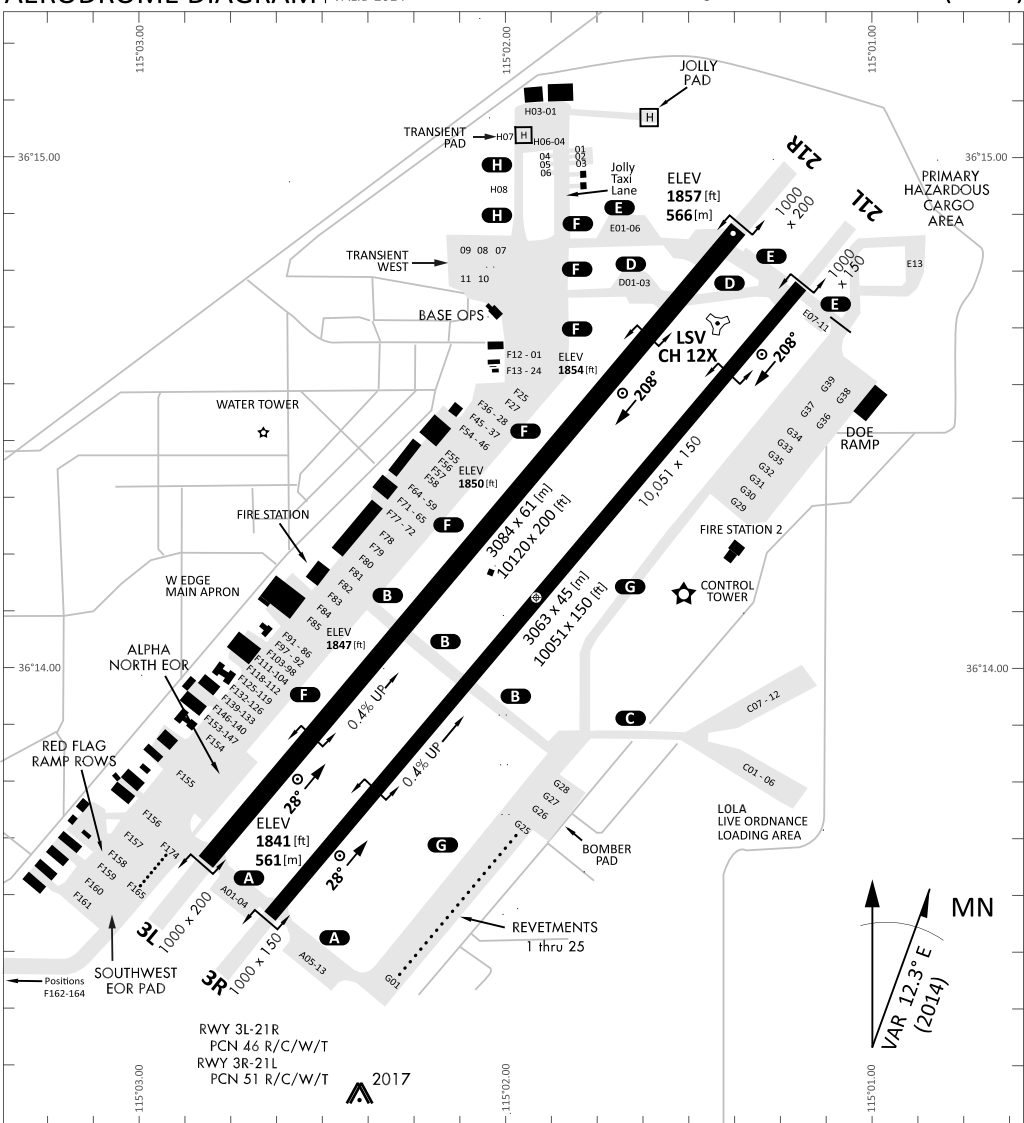
Figure A23.5. RAMMM Recovery (Not For Use In IMC).

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





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