

MISSION DATA CARD								
OPORD		Callsign		Mission		Date/Time		
2012/2023		Nazgul* 1		Training		022000JUL23		
Task	MDC Test					Freq		
AO	MDC Test					261.25		
Departure				Recovery				
DREAM FOUR				RAMMM				
#	Callsign		Pilot		IFF	TCN	LSR	NET
-1	Nazgul* 1-1		Nerkub		1101	21Y	1561	

LOADOUT			
A/A	2xC9M		
A/G			
POD			
TKS			
		GUN	100% SAPHEI
		CHF	120
		FLR	60
		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)	15000	
2	DREAM	LAS 354/66 BLD 342/71 (N37 10.340 W114 59.530)	25000	
3	#Student Gap	LSV 349/82 (N37 37 W115)	35000	

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
Rattler 2	Training	4x AH-64D	133.75	21/84		125X
	AO	Echo Bay	Task			

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	A	T	I	B	L	Y	
KTC 1400 C										
	0	1	2	3	4	5	6	7	8	9
A	GPJK	YEF	VUI	TX	NW	RBC	AH	LM	SQ	OD
B	WDUG	YJC	KIS	LM	VB	RHX	NT	FQ	EP	OA
C	DSUJ	WLG	TXH	PA	IF	KEC	YM	BR	NO	VQ
D	XEMP	IHW	GQF	LV	JY	ATS	DR	NK	OC	BU
E	GCFP	MWH	BVD	IK	TS	LOU	YE	JQ	NR	XA
F	NIWE	VSL	HCO	KU	PT	AJF	MY	QB	GD	RX
G	XNAM	SRU	CLH	PD	GQ	EWK	YI	BT	FO	JV
H	QGBO	ATF	EXW	KJ	MU	PYD	HV	CI	NL	RS
I	HCUR	DMN	VTL	ES	JY	BPG	IA	KX	FQ	WO
J	WIHT	UJB	OAE	DG	RL	MPN	QK	YF	XV	CS
K	QLVG	WHF	KMC	PY	BI	XOE	DT	AS	NU	JR
L	URKB	XLV	EGT	FC	NI	WAM	QS	PD	HY	OJ
M	ILKR	YSN	DXA	QB	EF	HPO	WT	VM	UC	JG
N	LAGB	MDY	PCE	JX	KO	IVS	WQ	TU	HN	FR
O	XFCY	HNR	GTA	DW	SU	JEO	LK	IM	QV	BP
P	CKJU	WSN	DFB	HX	OE	VIL	RM	PG	YQ	TA
Q	YJAF	ONB	UWL	CD	QI	MSK	HG	TP	XE	RV
R	IWRB	CXQ	NPM	YJ	HV	LUF	KT	GE	SD	OA
S	EDKU	CYM	WPL	FJ	HI	QTS	GA	XB	NR	VO
T	SRMU	PVT	EKI	LH	YW	BFN	AQ	GX	JD	OC
U	BYOH	PIA	QDM	ER	SC	JFX	WG	UN	TV	KL
V	FSYW	BPC	EJM	TH	LU	KVD	IO	AQ	RG	NX
W	NVIG	EHF	XDB	AM	QP	KLS	WR	YO	CJ	TU
X	EBXQ	AFS	CPM	KY	TW	NOG	LR	UV	ID	JH
Y	YUJM	SCR	LGW	NI	FV	KBH	OP	AT	XQ	ED

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

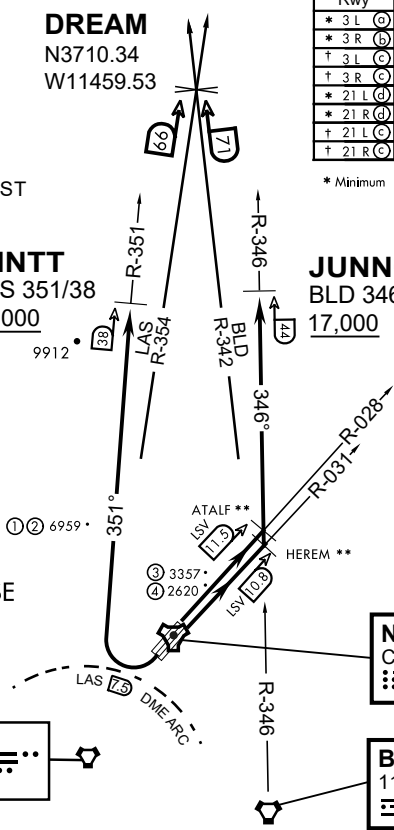
- (a) to 3600
(b) to 3100
(c) to 17,000
(d) to 8500
- ** Lead DME:
ATALF - LSV 9.5
HEREM - LSV 8.8

- 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

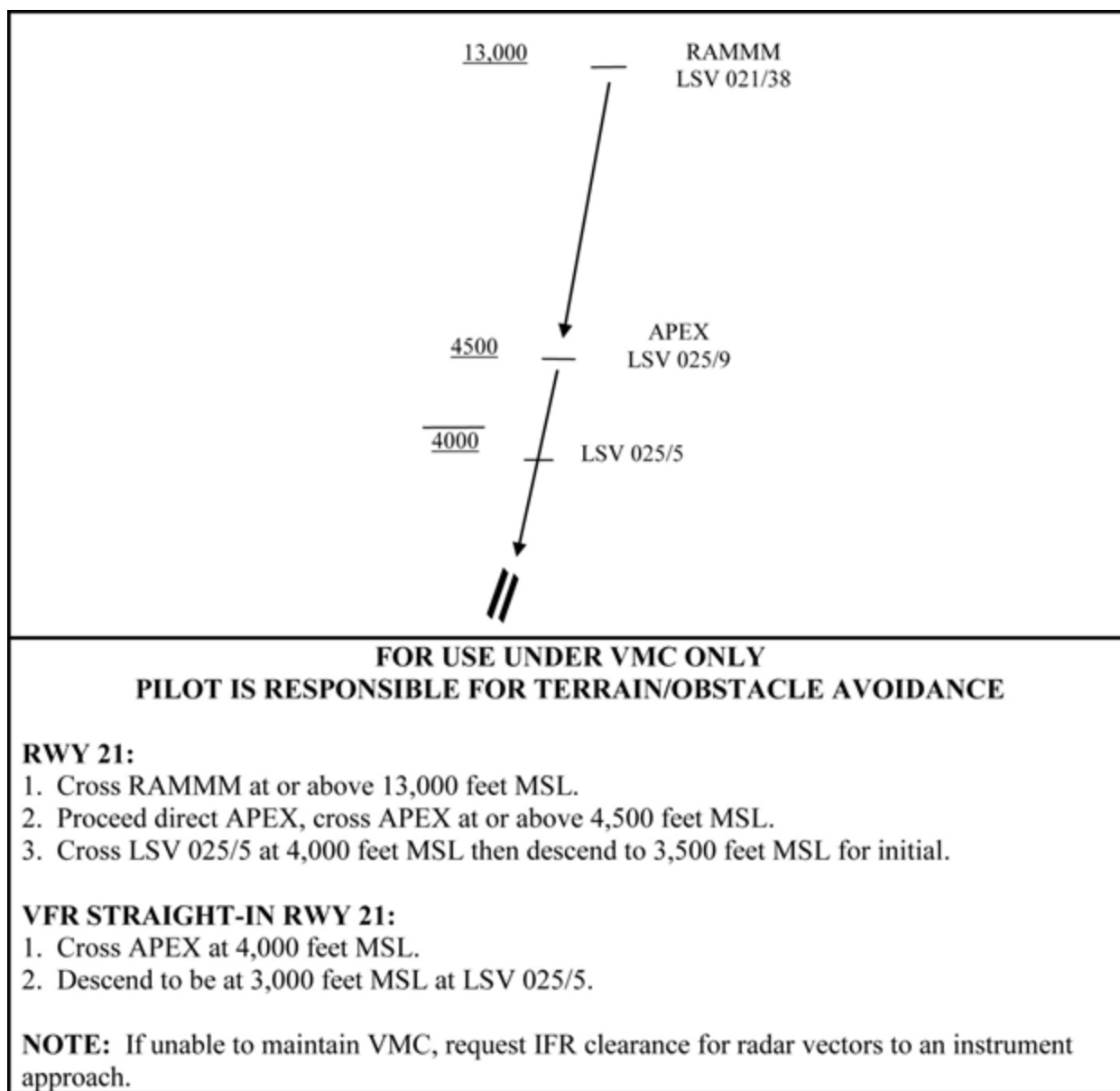
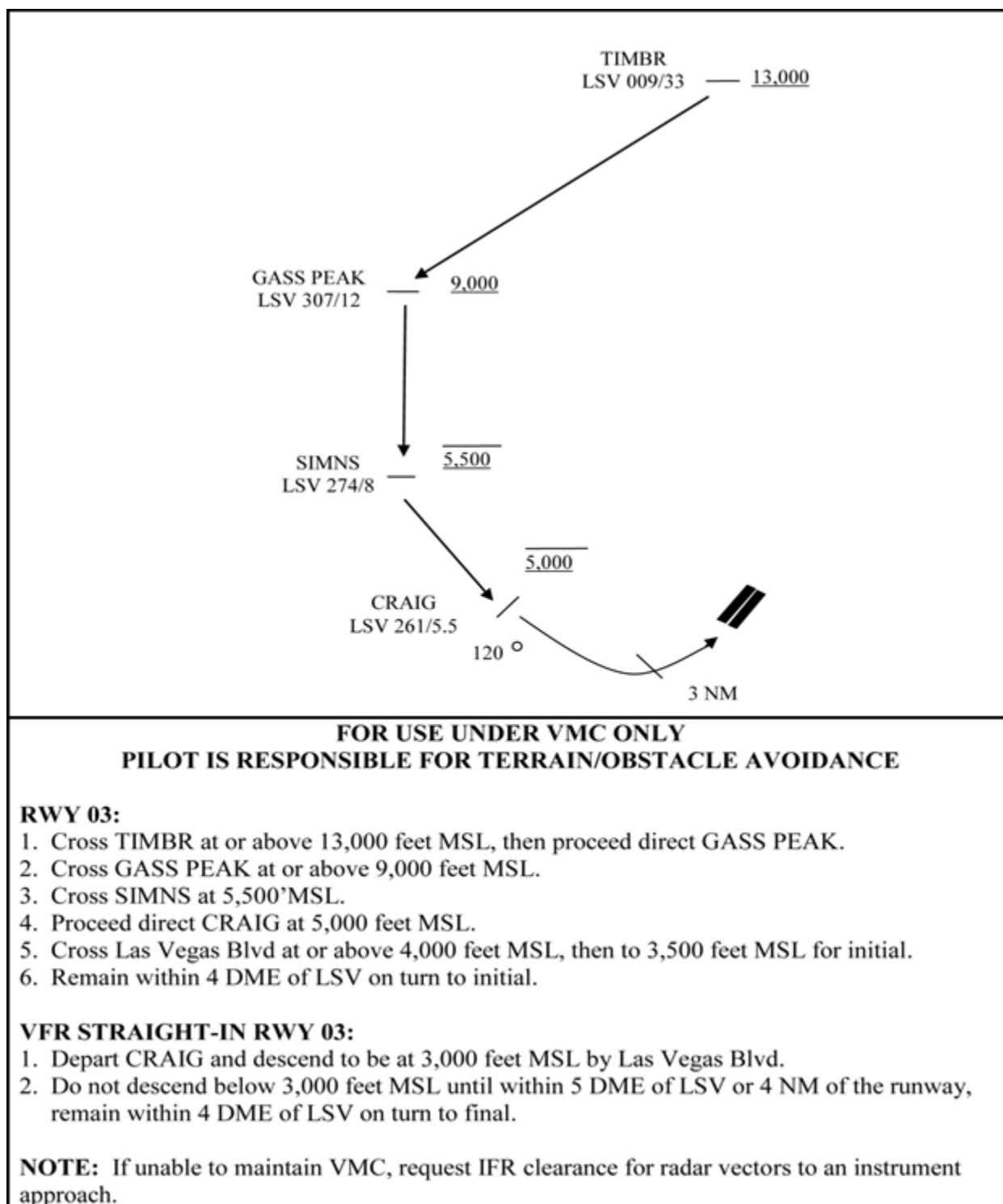
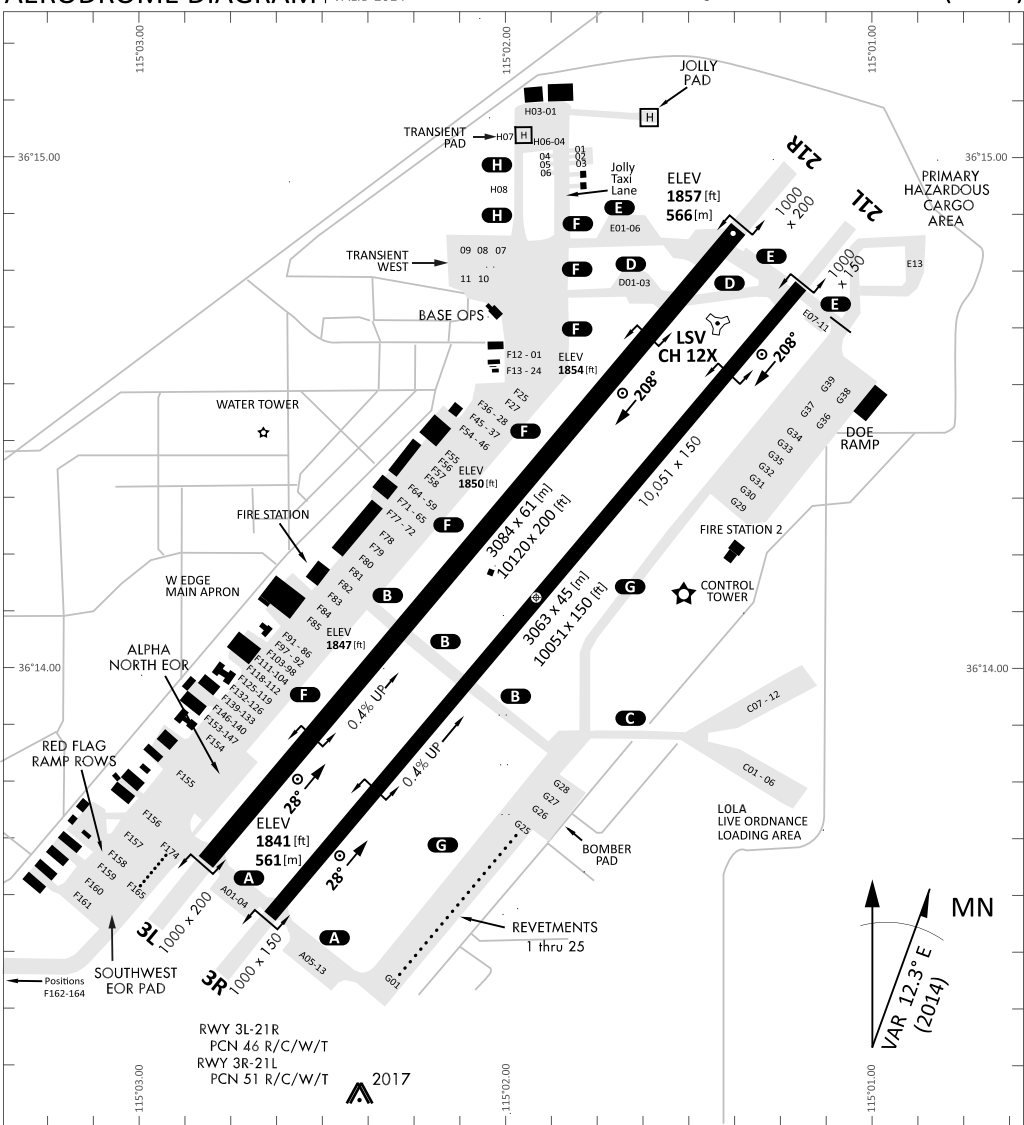
Figure A23.5. RAMMM Recovery (Not For Use In IMC).

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





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