

#### ▼中國民用航空旅行學院 Civil Aviation Flight University Of China

签派实践应用

# 一、飞机基本信息

机型	A321	飞机注册号	B1234
标准机组配置	2/5	客舱布局	F12/Y177
机组情况	A321机型运行50小时; 着陆50个;在B737机型 运行700小时。	单发距离	430NM
干使用重量	49435KG	MTXW	89400KG
MTOW	89000KG	MZFW	71500KG
MLWD	75500KG	油箱最大重量	18879 KG(没有加装中央辅助油 箱(ACT))
所需消防等级	7级	翼展	35.8M
最大商载	22065KG	滑行耗油	20KG/Min
风速限制	干道面:正侧风19M/S(	包括阵风)顺风5M/S活顺风3M/S	起道面:正侧风15M/S(包括阵风)



# 二、航班信息

航班号	XX1234	航段		重庆.	揭阳		
航段距离	889NM	执行日	期	10月7日			
ETD	07:00	07:00 ETA			:10		
TTK	144°	巡航方		M.78			
起飞条件		防冰关、空间					
平均滑行时间	重庆:滑出10Min揭阳:滑入 5Min	飞机丬	犬况:	适航,无MI	EL		
等待耗油率	1100KG/H/ENG	巡航耒	毛油率	1500F	KG/H/ENG		
业载信息:	成人:=186	儿童:=0	婴儿:=0	货邮:	机组: 3/6		
重量(公斤)	85KG/人(含行李)	36KG/人	10KG/人	2500	80KG/人		



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# 二、航班信息

主航段信息:重庆/江北经UNRIX、W180LIDMA、W182LAGEX、G586三江(SJG)、 B330平洲(POU)、G471石龙(SHL)、W22观澜(GLN)、R200P319至揭阳/潮汕。

FL	W/C(KT)	ISA	FL	W/C(KT)	ISA
FL341	M050	ISA+0	FL321	M020	ISA+10
FL331	P040	ISA+0	FL311	P020	ISA+10



## 二、航班信息

ALT	DIST(NM)		
ZUUU	352		
ZLXY	420		
ZPPP	460		
的地备降机场信息:			·
ALT	DIST(NM)	备降耗时	备降耗油
ZSAM	181	0:28	1300KG
ZGSZ	219	0:32	1500KG
ZGGG	261	0:38	1800KG
ZSFZ	294	0:43	2000KG
ZGKL	492	1:10	3300KG
z : 누 · 『수 다 65+14·11 +Z //L	八上加拉尼士的学士	:::::::::::::::::::::::::::::::::::::	\= \= \= \# \# DII \# \# C !

备注:除目的地机场外,以上机场所有跑道两端均有I类盲降,运行标准为DH/VIS:60M/800M,目的地机场运行标准以航图为准。



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## 三、天气信息

METAR ZUCK 062300Z 02005MPS 300 R02L/300 R02R/350 R03/350 R21/500 FG BKN002 SCT011 OVC033 11/11 Q1018 NOSIG =

TAF ZUCK 062205Z 070009 02003MPS 1200 BR FEW002 SCT010 OVC033 TX17/08Z TN10/00Z BECMG 0102 800 BR SCT020 OVC050 =

METAR ZUUU 062300Z 23002MPS 200V260 1200 SCT043 14/14 Q1019 NOSIG

TAF ZUUU 062202Z 070009 02003MPS 1400 BECMG 0203 1600 SCT040 TX18/07Z TN12/00Z =

METAR ZLXY 062300Z 24013MPS 1600 -SHRA SCT020 OVC060 13/13 Q1025NOSIG =

TAF ZLXY 062207Z 070009 24010MPS 2000 -SHRA OVC060 TEMPO 0206 1200 SHRA TX19/07Z TN12/00Z =

METAR ZPPP 062300Z 16002MPS 8000 FEW026 BKN040 18/17 Q1027 NOSIG

TAE 7PPP 0622117 070000 21004MPS 9990 SCT023 RKN040 TY22/087



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#### 三、天气信息

METAR ZGOW 062300Z 22004MPS 3000 NSC 25/22 Q1017 NOSIG = TAF ZGOW 062206Z 070009 22006MPS 3600 FEW050 TX32/06Z TN26/00Z = METAR ZSAM 062300Z 15012MPS 2000 SHRA BKN050 26/20 Q1017 NOSIG = TAF ZSAM 062230Z 070009 15016MPS 3000 -SHRA SCT030 TX32/06Z TN28/00Z =

METAR ZGSZ 062300Z 06004MPS 8000 -SHRA SCT040 25/22 Q1015 NOSIG = TAF ZGSZ 062202Z 070009 09003MPS 6000 SCT030 TX29/06Z TN26/00Z = METAR ZGGG 062300Z 11002MPS 9999 BKN060 24/21 Q1016 NOSIG = TAF ZGGG 062201Z 070009 09004MPS 8000 SCT040 TX33/07Z TN27/00ZTEMPO 0509 4000 SHRA SCT011 FEW030CB BKN033 = METAR ZSFZ 062300Z 03007MPS 9999 FEW019 BKN036 25/18 Q1018 NOSIG

TAF ZSFZ 062230Z 070009 04006MPS 6000 BKN015 TX28/06Z TN25/00Z = METAR ZGKL 062300Z VRB02MPS 2000 BR NSC 21/18 Q1018 NOSIG = TAF ZGKL 062214Z 070009 05004MPS 2200 SCT060 TX33/08Z TN22/00Z =

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四、飞机MEL信息 适航,无<u>MEL故障保留项</u>



## 五、通告信息

C4245/19 重庆/江北 (ZUCK) B)2019/10/7 06:00 C) 2019/10/7 18:00 E)RWY03/21中线灯不工作,因维护.

C2698/19 重庆/江北 (ZUCK) B)2019/06/28 17:38 C)2019/10/30 23:59 E)RWY20R ILS 不提供使用,因设备更新改造.

C2667/19 西安/咸阳 (ZLXY) B)2019/09/12 15:07 C)2019/12/15 16:00 E)不接受翼展超过36M的航空器备降.

C4233/19 成都/双流 (ZUUU) B)2019/10/09 02:00 C)2019/10/14 06:00 D)0200-0600 ON 09 11 12 AND 14

E)RWY02R/20L 关闭,因维护.

C4231/19 成都/双流 (ZUUU) B)2019/10/08 02:00 C)2019/10/13 06:00 D)0200-0600 ON 08 10 AND 13

E)RWY02L/20R 关闭,因维护.



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#### 五、通告信息

C4192/19 昆明/长水 (ZPPP) B)2019/10/09 02:30 C)2019/10/30 06:00 D)0230-0600 EVERY WED AND SUN

E)RWY04/22 关闭,因例行维护.

C2608/19 昆明/长水 (ZPPP) B)2019/07/01 00:00 C)2019/11/30 23:59 E)本场不接收公务机和通用飞行停场过夜,基地公务机公司和特殊情况除外.

C3952/19 揭阳/潮汕 (ZGOW) B)2019/10/05 01:35 C)2019/10/31 06:50 D)01:35-06:50DLY

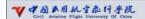
E)机场不接收备降, 因灯箱施工.

C3923/19 揭阳/潮汕 (ZGOW) B)2019/09/30 13:06 C)2019/10/07 23:59

E)因其他空域活动,揭阳机场要求至少增加20分钟额外等待燃油.

C3922/19 揭阳/潮汕(ZGOW) B)2019/09/30 13:04 C)2019/11/06 23:59

E)RWY04/22 向北延长400 米, 该道面已建成, 不提供航空器起降使用,机组注意观察, 防止落错.



#### 五、通告信息

C3921/19 揭阳/潮汕 (ZGOW) B)2019/09/30 13:02 C)2019/11/06 23:59 E)RWY22 LOC "ICS" 108.7MHZ 不提供使用, 因设备更新.

C3919/19 揭阳/潮汕 (ZGOW) B)2019/09/30 13:01 C)2019/11/06 23:59 E)RWY04 ILS 不提供使用,因跑道延长施工.

C3920/19 揭阳/潮汕 (ZGOW) B)2019/09/30 13:02 C)2019/11/06 23:59 E)RWY04 DME "IJY" CH30X 不提供使用, 因跑道延长施工.

C3915/19 揭阳/潮汕 (ZGOW) B)2019/09/30 12:52 C)2019/11/06 23:59 E)因RWY22 I 类精密进近灯光系统暂时替换为简易进近灯光系统.

一、临时提高RWY22 最低运行标准, 具体如下:

1.ILS/DME 进近程序RVR/VIS 提高至800 米;

2.GP 不工作进近程序VIS 提高至3,300 米;

3.VOR/DME 进近程序VIS 提高至3,600 米;

4.LNAV/VNAV 进近程序VIS 提高至1,800 米;

5.LNAV 进近程序VIS 提高至3,000 米.



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#### 五、通告信息

- 二、临时提高 RWY04/22 A,B 类目视盘旋标准VIS 至3,600 米.
- 三、RWY22 HUD 最低运行标准暂停使用.

C3916/19 揭阳/潮汕 (ZGOW) B)2019/09/30 12:52 C)2019/11/06 23:58 E)RWY22 GP 不提供使用,因施工.

C3917/19 揭阳/潮汕 (ZGOW) B)2019/09/30 12:53 C)2019/11/06 23:59

E)RWY22 DME "ICS" CH24X 不提供使用, 因施工.

C3914/19 揭阳/潮汕 (ZGOW) B)2019/09/30 12:45 C)2019/11/06 23:59

E)RWY22 临时架设简易进近灯光系统,每排灯间距60 米,共7 排,总长度420 米.

C3913/19 揭阳/潮汕 (ZGOW) B)2019/09/30 12:37 C)2019/11/06 23:59

E)RWY22 I 类精密进近灯光系统拆除因跑道延长施工.

C3912/19 揭阳/潮汕 (ZGOW) B)2019/09/30 12:37 C)2019/10/25 23:59 E)不停航施工、区域如下:

1.RWY22 入口以北300 米至510 米, 跑道中心线以东40 米至144 米.

2.RWY22 入口以北26 米至421 米, 跑道中心线以东144 米至215 米.

各施工区域均设置有警戒灯和警戒线.

#### 五、通告信息

C3910/19 揭阳/潮汕 (ZGOW) 2019/09/29 21:05 C)2019/11/07 23:59 E)RWY22 RVR 设备B 和跑道中间RVR 设备C 不提供使用, 因拆迁. C5124/18 揭阳/潮汕 (ZGOW) 2018/12/25 16:10 C)PERM

E)潮汕 VOR/DME "CSS" 110.6MHZ/CH43X 限制性使用:

- 1. 223 度径向线距台0.2 海里以内, VOR 信号不可用.
- 2. 223 度径向线距台0.5 海里以内,DME 信号不可用.

C6130/19 厦门/高崎 (ZSAM) B)2019/10/03 02:20 C)2019/10/25 05:10 D)0220-0510 EVERY MON THU AND FRI

E)机场关闭, 因施工.

C2374/19 深圳/宝安 (ZGSZ) B)2019/10/05 13:00 C)2019/12/31 23:59 D)0700-1000 DLY

E)消防等级降为6级.



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### 五、通告信息

C3814/19 广州/白云 (ZGGG) B)2019/10/6 18:00 C)2019/10/7 11:00 E)机场不接收非紧急情况的航班备降, 因停机位紧张.

C3966/19 桂林/两江 (ZGKL) B)2019/10/7 08:00 C)2020/04/30 08:00

E)RWY19 DME "IPA" CH22X 不提供使用, 因设备更新. C3965/19 桂林/两江 (ZGKL) B)2019/10/7 08:00 C)2020/04/30 08:00 E)RWY19 ILS 不提供使用, 因设备更新.

C0912/19 桂林/两江 (ZGKL) B)2019/03/13 01:30 C)2019/12/21 06:30 EST D)01:30-06:30 DLY

E)机场不接收非紧急情况的航班备降, 因施工.

C2826/19 广州情报区 (ZGZU) B)2019/10/7 07:00 C)2019/10/7 11:00

E)下列航路(线)段高度在F321(不含)以下禁航:

- 1. W182 航线 (LIDMA LAGEX ) 段,
- 2. B330 航线 (SJG POU ) 段.



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# 六、其他飞行信息

RAIM PREDICTION AIRPORT:ZGOW

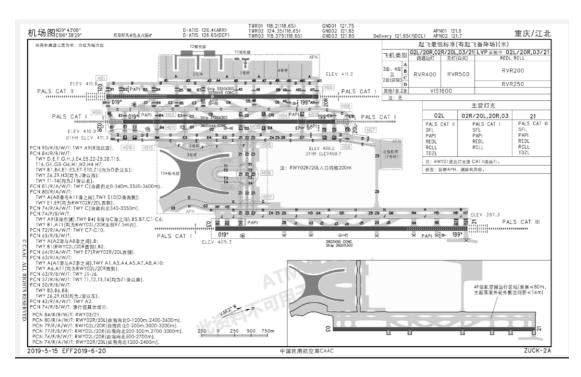
MASKANGLE(degree):5.000000

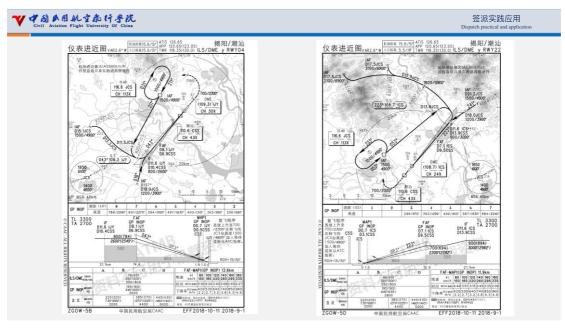
RNP0.30: AVAILABLE FROM 1910060000Z TO 1910090000Z

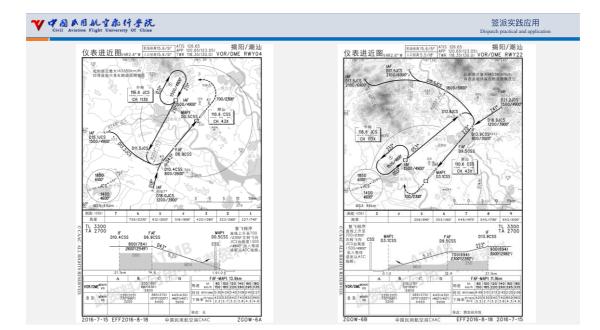
EXCEPT FOR 1910060357Z TO 1910060405Z EXCEPT FOR 1910070052Z TO 1910070120Z EXCEPT FOR 1910080348Z TO 1910080357Z

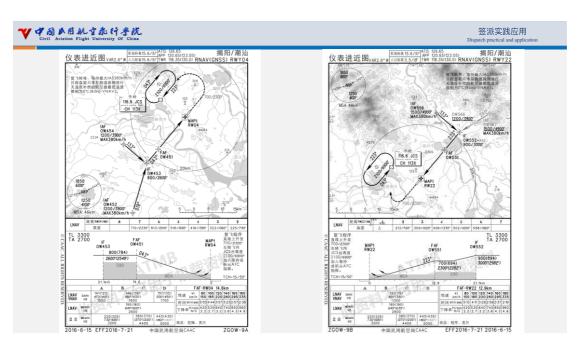
RNP1.00: AVAILABLE FROM 1910060000Z TO 1910090000Z











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	- JAA	CFM56-5B3 (	ngines	CHONGQENG -	JIANGBEI CKG	-ZUCK	021	AC2118	4-Jan-16
HNC		25 HPA		Elevation 1	351 FT TOR.	A 3200 M	1021	DI	
Air com				Iva nomp I		A 3200 M	6 alestes las		
Anti-ici	ng Off rsers ino		- 1	Recognition of	DAME HALL	18 M	6 obstacles	TC	GA
Dry che		permitte							
WEIGHT	-	CONF 1+I	_		CONF 2			CONF 3	
999 KG	TAILWIND	WEAD.	HE ADWITED	TAILWIND	WEST	HEADWESD	TAILWIND	WEND	HEADIN
89	29 33	9 KT 35 3/3 0.0	50 KT	51 5/3	9 KT 36 A/3 0.4	10 KT	90 314 90 30	4 KT	88 KT
	14270000	171 01 01	124.04.07	1427477	120.00.01	122-01-01	140/71/33	149.75.51	153.00
88	142/33/00	171.01.04	134.03/00	141/20/22	150.50.00	173.00.00	140/21/34	149.77.00 149.27.00	183953
87				33 3/3 0.1 141/70/74	32 3/3	41 3/3 n.e. 182/28/00	33 3/4 0.1 140/70/34	70 23 0.3	
86	742-75-75 74 -3-7 9-3	171 HOURS	10 10 0 10	20 33	41 3/3	12 3.3	24 314	37 20	27 27
85	37 AS	2 PER 1951 A 1 A 1 A 1 A 1 A 1 A 1 A 1 A 1 A 1 A	25 A.3 0.1	141/43/44 AB A/A 0.1	42 A/A 0.0	11 27	140/70/54 26 3/4 0.3	100 YT NO 10 23 0.0	142/00/0 50 pt 0.1
	141/33/37	17070-03	1500000	141/20/23	149/37/30	152-55-59	140/70/53	149/76/77	152 000
84	142/32/30	121.78(6)	0.4 154 02:05	1427273	0.4 130:30:37	133/38/39	141:70:33	0.2 140.76.79	152702
83									
82	184/02/00 40 3/3 0.1	173:90:93 45 3/3 9.4	170 YEAR 47 2/3 0.1	42 59	47 2/3 0.3	124 70 70 47 3/3 0.6	1627033 40 374 9.6	121/27/00 42 23 6.5	42 27
	144/33/50	174-90-43	150'01'04	145/92/93	1.52-56-57	12 A 7 A 7 A 7 A 7 A 7 A 7 A 7 A 7 A 7 A	143-76-54	1.51/57/00	181/7000 67 (67
81	145/32/36	0.7 16.00(4)	150 00 00	145/5/13	0.3 152/56/57	116/10/20	1407134	151/57/00	155 000
8)	111/12/10	0.2 14.040-41	0.0 150 YESTS	0.0 1.4570/13	0.4	116/10/10	43 14 43 11676(4)	0.0 140/47/88	
79									41 51
78	143-02-03 47 -0-0 0.6	323-28-91 51 3/3 0.0	130-20101 52 3/3 0/4	143/21/23 49 3/2 0.4	123/20/20 51 3/2 0.6	123/28/20	149/20/33 45 3/4 0.4	150.37.00 46 2.3 0.7	46 AT
	144-12-11	113/27/03	135/25/01	1417071	132/35/20	123/26/20	143-14-17	182/97/98	1,54,100.1
77	9.1 146/EURA 70 3/2	9.5 313/76/99	10.7 100.782.000	0.6 1467070	0.6 142/84/84	144.97.97	9.5 343740132	6.7 142-96-99	145.000
76	146/10/03 146/10/03	150.750.00 150.750.00	10000000	144790740	10 27 101-00-00 101-20	144.00.00	47 3/4 8/6 148/48/4)	10 20 10 20	188 TO 21
75	0.5	0.1 98 3/3	0.0 140 55 57	72 3/3 0.5 143/39/49	0.1 141/44/44	0.4	0.0 140/49/31		
74	0.7	44 3/3	64 27	A3 A/4	0.0	44 20	20 3.4	81 3.0 0.1	144 Hard
73	21 33 0.0	33 27 00	33 37 0.0	55 3/4 0.1	53 5-7 0.0	13 37 37 37	143:46:47	131/33/38	72 F
	143/49/92	343/32/34	140/72/74	LADVENAT	124190160	131140140	142:40:47	131,737,37	182707 77 JU
72	143/45/55	9.0 133/47/89	130/47/20	140 (748	0.0 120100140	0.0 124-14-14 27 27	9.0 162/45/44 22 2/4	101/04/07	181-180-1 24 20
71									
70	133/43/46 23 3/7 0.0	82 377 82 377	120/43/46 88 3/7 8/8	8.0 3/7 0.0	123/163/44 22 3/7 0.0	12 37 0.0	74 41 0.3	23 33 0.0	2.00 (E) (E)
69	122-791-02 11 7.0	## TO 0.0	117/30/32 55 5/9 0.0	55 2/7 0/0	11 27 0.0	11 27 0.0	100 and 55 and 5.5	55 27	55 27
	1110000	110/20/41	110/36/41	1143537	1143537	1140500	140(41)45	115/34/34	115767
68	113-075-40	113-27-42	113/27/40	111/2/24	111/22/24	111/92/94	123-21-33 29 27 1	111/21/24 53 29	111212
67						2.0			
66	114:05:00 33 5:0 0.0	33 50 80 80	114/25/20 33 5/3 0.0	110/20/22 23 1/0 0.0	110/20/32 33 7/9	116/20/32 33 5/3 0.0	33 17 0.0	100/20/33 53 277 0.0	100 DO
65	111/04/08 11 5/0 0.0	22 TO 0.0	113/24/28 22 22 0.0	110/20/21 AX 710 0.0	33 7.0	110-24-31 11 5.0	20 27 20 27	33 27 00	105 GB 2
60	1120000	111/20/21		1107770	110/27/20	118/27/20	100/24/25	109/24/28	101/207
	120 200	1	19:13	DILU	ENCE OF AIR C	OND.	10 100	10.110	2.70
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_			N N N			CONDITION			410 -0.8 -b/ W
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	P-10 -3.6 -4 -00 -0 -0	O-15 -1.7 -4 -36 -6 -6	0-000 117 IF IF	(+10) 3.4 J	0-000 -0.1 -4 -0.0 0 0	111 0 0	P-25 3.3 3 30 8 8	(*170 H.B 17 187 B/ B	(420) IRS
QNH HPA	40 3	.10 .2	318.3	INFLITEN	E OF BELTAP	WEAM WE	.69 .3	.11 .2	
	D-101 - 40 - 4	1000 10 0	000 18 0	0-200 - LR -2	PER 18 0	000 00 0	1900 49 3	0-10 18 2	0450 6.8
-18.0	- 27	10 1		2 21 2	- 01 -			10.00	10 00
1,000,000	0.021 -63 6	0.020 KO K	0.000 0.00	000 -00 0 000 0	0-20 0.8 0 -3/ 0/ 0 (OhAT) = 27	1 Min.es le	11231 -0.4 0 0' 0' 0	Ma QUIT	
1,463,7003		VIOLUTE DE CE VIOLUTE VIOLE LIMITATION CE	O 1041	IDO Tree	A(OAT) = 52 (	C Minute Is C Minute Is			H 2758 E
15 10000									

A321211		CFM56-5B3+	ngines	CHONGOING -	JIANGBELCKG	-ZUCK	021	34.0.0 1 AC211N	4-Jan-06
INN		5 HPA		Elevation 1	HE FT TOR	A 3600 M	U21	DI	
ir cond				lia somp 1	2 C TOD	A. 3600 M	4 . 5 5 .		
nti-icir		perative	- 1	Recyclope of	PASE II M	A 3600 M	4 obstacles	T	)GA
II rever		perative							
EIGHT		CONF 1+I		_	CONF 2			CONF 3	
00 KG	TAILWIND	#15B	HEADWING	TAILWINE	WEND	BEADWIND	TAILWIND	WIND	HEADWE
	10 KT	+ KT	50 KY 50 2.4 0.4	-10 KT	OKT	10 KT	-99 KT	OKT	DOKT
89	140-23-00	130 700 23	102/23/00	141-021	170.78.00	0.0 191/01/01	14774137	0.1 133-33-30	187.97-00
88									
87	30 40	150/50/63 37 2/4	102-82-00 37 2-4 9-1	32 43	170-7A-00	133.70 to	31 40	37 24	70 31 0.1
	0.4 1407470 21 00 0.0	100 000 100 0000		0.4 0.4 148100191		0.4 188/20/20 42 6/4	33 40 0.3 100:00-83 32 40	33 274 182-82-93 28 274 0.5	18070-00 37 27 0.4
86	0.0		10 24		20 2.0 0.4 147/47/48			0.5	27 212
85	14 AT	140 MOVES	11 3.4 0.5	145 SOCKS	10 2.4	11 00	1.00(20:53 24 4/4 0.4	37 214	ARCHITO
	146/32/30	41 47	101/81/04	149 40 73	170/74/57	43 64	140-14-52	121/31/22	155.75.75
84		0.7 157/37/66	100 86 03	0.1 150:30:31	170/78/30	156/30/37	147 17	0.2 131/31/34	155.75.70
83	146/31/35 38 3/6 0.5								
82	40 40	44 24	45 24	40 4.9	120.74.33	45 414	30 44 20 20	176/70/72 41 2/4 0.6	42 34
	148/70/74	156/50/20	120-78-02 10 2-3 0-1	148/00/21	100.00	1247077	100:10:32	176/30/23 12 2/2 0.7	1807077
81	0.7 140-90-50	150 70 70 0.3 150 75 74	0.1	12 0.1	0.4 153/53/54	0.4 154 50 54	0.1	0.7	150 Ta 20 0.4 150 Ta 20
80		86 274	47 24	41 61	86 2/4	47 64	41 44	13 23	44 24
	140:40:40	1111111	155/55/61	141/00/40	112.74.41	141/45/45	100/00/00	149199.53	40.00
79	0.4 140-40-72	1343437	127.27.00	147/47/49	0.4 171-71-32	122/22/22	10074047	145-4571	1307023
78									
77	10 mm	15.076.37 67 217 64	107/27/20	147/07/10 93 674 9.7	17 17 17 17	59 8/4 0.7	22 E4	47 July 100 100 100 100 100 100 100 100 100 10	1127231 17 27
	147147/90 47 49	163/63/66 30 2/4	1007670	146700147 41 414		141/41/62	140793794	0.2 147/47/90 48 2/4	140/10/16
76			100 100 100					0.2 143-47-80 28 2/8	85 181-75-94
75	10 AV	72 27 0.1	11 24	97 674 97 674	72 10	11 0.1 0.2	27 AV		
	144144100	142-42-44	154/54/56	60 CT	140/49/49	1.40 (40 %)	Latin Mirrary	147147140	151.70.54
74	11111111	0.3 131/31/34 34 2/4	123-23-30	143740	100000	141-00-00	140740-43	21 27	181.71.73
73									
72	72 44 66	131/21/24 33 3/4 6/7	102-72-00 50 3-9 0.6	52 E12 67	35 43 95 43	53 A.E.	30 44 9.4	72 212 0.7	130 70 73 72 5 7 8 8
-	143763760	100/00/23	141/11/04	144100147	147/47/48	144/00/47 73 6/4	120/20/42	145/45/45 22 2/4	180 TO TO
71		10000000	0.0			140,000	120/2004		
70	77 3/4 0.3	140/00/43 70 3/4 0.3	10 22 0.2	142/10/03 23 2/3 0.3	186(86)-86 70 E/G		73. 414 0.1	77 217 0.1	1,000,000,41 57, 319 613
	140-00-00	140 100 11	110-11-53	142 (02)	145/45/45	145-45-45	11111111	11111111	140.40.11
69	140100100	0.4 1.65 (0.76	140(46)31	0.7 141/41/42	100 40	0.4	130/30/39	0.2	0.4 Lepispini
68									
67	39 24 83	14747/20 62 2/4 6.1	140/4E/20 63 2/4 63	140/40/41 59 4/4 6/2	02 44 02 44	03 274 03 03	135-25-29 50 4/4	78 2/4 0.5	140/40/30 50 2/4 6/7
	134:38:41	10000048	146/44/65	1,99,00(40	143/43/43	140/10/10	1343437	348/41/44	147.47.49
66	0.4 126-26-24 61 2-9	0.3	0.4	0.4 130/30/40	9.4	111 111 111 111 111 111 111 111 111 11	0.3	0.0	0.1 14737149 61 274
65		66 2/4	27 14				20 14		
-	LATOTOR	10000000	110/11/20	131/20/21	1002000	111/01/01	135/33/30	111/39/42	1.00 00 00
				DILU	ENCE OF AIR O	OND.			
01		V V V		0 0 1		0 0 1		2 0 1	V 0 0
-					OF HENWAY			* * *	
WET	-47 4	44.0	31.2	10000000	- 11 - 1	-11 -2	.12 .1		
- 1	40 47 4	140 13 3	0.00 11 2			040 43 2	0-65 12 3		(18)5 (6.8
NH HPA				INFLUENC	E OF DELTA	WEATHE.			
10,8		4 4 4	200	A -0 -1				- 11 · 2	4 4 4
10.6	1	200				4 0 1		~ ~ *	.11 67 4
	1401 140 0	(HED HE3 E	0-000 8.8 8	0 0 0 0 00 0	B 10 11	0.60	0-00 -02 8		C-600 -011
LAKE, FRE IN	W - W - W	COLUCTOR CO	665	OK Tref	(OAT) - 27	Maner be	40' -3' +3 40' 1414 FT	Min QNR a	2742 F
OW CHESCO		UMITATION OF		AUXN Tree	N(OAT) = .52	C. Messee le	Mayryny.	Max QNH s	8 3295 F
pro-extrains	262	LIMITATION CO		nessens les et	trolemeles.		CHECK VMU		
ENCOME		1 "1st segment 2" 5 See ment 4 Se				MIT		EST - LEET'S	100 FOC

# ♥中国 B用 航空市行学院 Civil Aviation Flight University Of China

签派实践应用

ONH	1013.2	5 HPA	ngines		ILANGBEI CKG		<b>1201</b>	AC2113	
Air con					343 FT TOR 2 C TOD	A 3600 M A 3600 M		DI	RY
Anti-ici				Rwyslepe 0	100% ASD	A 3600 M	1 obstacle	T	OGA
	rsers ino	perative		Last up dist. TO	D/AMD: 21 M: /	3111			
Dry che									
WEIGHT		ONF 1+F	WE A DOMESTICATE	7.00 0000	CONF 2	HE - 1011 TO 1	V-10 0000	CONF 3	T meaning
1000 KG	-10 SCT	9.83	38 SCT	-10 KT	0 KT	10 KT	-10 KT	* N.T	10 KT
89	1417000	0.7 170.07-70		0.3	0.4 157/02/02	100 03 03	147.74.70	0.1 159:03:00 35 2:4	161 00:76 22 274
88			101/09/70 41 2/3 9.4				32 40		
87	37 318 0.5	155,000,00 41 3/3 0.3	100 V2:70	38 18	147/H3/H3	140 KL 44	74 5/4 0.3	18841.04 56 2/4	161 HT 76
	146/20/01	170 70 70	100/07/02	147/21/21	137/00/00	49 29	140.72.70	133/01/04 37 2/4 0.0	101/07/70
86	0.2 14175000	100000	0.2 100/03/03 43 3/3	140.77.74	43 5/4 0.2 167300300	100/04/04	0.5 140/91/95	15531364	98 374 6.4 161 007-00
85		0.1		0.6	14778000		1407074		
84	41 22	47 3.3	100 WEW7	42 410	47 2/4	100/04/04	26 274	155 42 45 40 24	163 move 40 274 67
	0 23	170 03/00 27 3/2	100:01:07 89 3:0	120 TO	157.00:00 40 5/4	47 374	140/70/73	154:05:02 41 5:9	101/00/00
83	145.57.00	150 KA 65	162 94 95	1407576	150-00-00 47 5/4	103/05/05	151/51/54	193/63/65	1627676
82	111.07500	0.4 160/02/04	103/03/04	0.7	100 20 20	102 10	1107073	0.8	100 000 00
81		0.3					12 19	43 274	
80	47 3.0 0.1	30 374 0.5	163/64/66 51 3/3 8.6	47 410 9.3	160/03/01 50 3/4 0.1	50 3.3	0.7 151/71/74 43 3/4	100 03 03 44 2 4 1.0	150 maios 45 g/s 61
	43 275	54 3/4	103.000	40 3.4	160 100 100	103-01-01	142-12-14	103-03-05	167/00/00
79	131,77,00	100.00.00	103703707	132/34/34 49 3/4	100,00,00	24.4	152/22/24	0.1	170/12/0
78					0.3				
77	51 514 92	54 374 0.3	162 W3 W5	59 314 97	53 gra 9.4	33 33	151/51/54 46 5/4 9.5	49 274	45 24
76	142/06/00 73 3/4 0.4	140/40/45	783 313 0.1	142/42/43	7.6 (F)	143/43/43	181/81/84 47 3/4 0.0	187100102 03 313 0.1	184 W0/K3 40 3/4 0.1
	132-23-24	0.4 129/20/01	101/02/03	121/22/23	150-70-70 55 2/4	103/03/03	121/21/24	0.1 130/38/01 50 2/4	122-72-01
75	141-74-97	100 KG KG	100 VID VID	0.2 141.41.43	160,000,00	143/43/43	100 00 00	140.47.00	14170-00
74		0.7 170/78/01		0.4 121/21/21		0.7		81 2/4 9.5 124/27/00	
73	131.040s 54 3.14 6.1	FE 3/4	130/30/45 20 1/3 0.2	33 3/4	170/70/70 87 2/4 0.7	97 20 0.0	148/48/70 71 6/4 6/2	72 2/4 73 A	170:77:40 72 2/4 0.4
	150/02/05	110.70.00	144-44-94	30 33	100,000	79 27	110-10-11	53 274	140.70.70
72	0.2 189/52/54 84 3/4	0.0 100.70.70	0.5 165-55-00 61 1.0 0.3	0.7 140/46/40	0.6 167/63/67 80 3/6	0.9 100/00/00 20 23 0.0	147/47/70 73 4/4	151-56-55	110.70.70 111.70.70 111.23
71	180 770	0.1 188/28/27	0.3 187-97-98	170/70/70	187.97.97	120.20.20	147.97.00	0.A 180:38:37	147.72.27
70		0.3			0.7				
69	60 ST	63.374	63 23 0.6	00 3.4 0.3	62 2/4	42 23	11 44	56 24	36 23
	149/20/23	1707470	188-98-97	140/40/40	188/08/08	107/07/07	145745147	145-73-73	144/72/72
68	141-4031	0.7 133-33-33 68 19	1543530	2.4	111.75.75	130 30 30	143/43/45	140/32/34	143-72-74
67			1547576						
66	65 374 90	45 377 0.0		01 311 01	15 23 65 23	45 23 47 23	79 44 90 4	09 3/4	60 23 60 23
65	03 47 00 00	134/45/47 68 3/7 0.0	131/48/47 63 27 0.0	147/47/47 43 3/4 0.1	183-93-93 83 -6-7 8-8	134/34/34 43 5/7	140/10/13	143749/91 61 274 0.4	140:00:00 01 2:3
90	130.00.00	137/44/40	124144140	147147147	1102020	114/21/22	141/41/42	141/41/30	178-98-76
	10.111	10.185	16-445	INFLET	INCE OF AIR O		80-100	at: 585	50.58
Ou	0 0 1 0 0 1		C-80 -24 -4	21.4	P 2 1	C-80 -12 -4	0.00	C-60 A7 -4	V -V -1
_	* * *	* * *	-t/ er e		OF RUNWAY				-3. 8.
TET	10 0 0	ar a a	31/ -0/ -1	AF 27 3	40 0 1	av 2 2	10 0 0	ar 21 - 1	10 .00
D-ONH HPA	16 0 0	0-65 -1.1 -0 -05' B' B	100 C.S3		E OF DELTA	-49, 8, 8	(HE2) -0.8 -3	190 4 4	0-631 -03 -16/ 6/ 1
-10.0	10.00	11.0	10.7	.69 -2	E OF DELTA I	-10 -2	v *** · 1	- 10 -	0.00
		THE	CHAO -ER -2	1-00 AP -2	-1/ -0 -0		(141) -0.8 -3	C-80 -0 -0	(141) 407
+00.0		~ ~ .	U U U					-0 -1/ -1 1-07 180 0	-1
LMLTH		GALC DACO	COL	100 100 1	(OAT) = 27		11411 -014 A	I Min ONE	
15.000		Vinis VR V2 (6	0 120	INDEX Tree	n(OAT) - 52	C Means b	Min VIARV	May ONTL:	ds 2395 F
No. Principal	ROAD .	IMITATION CO		namen keeth	Probstacles		CHECK VMU		
Day on Use on the College of the Col		tire speed 6-bi				MU		LV2 - 1.0 KT0	000 KG

A321211		CFM56-5B3+	rngines	CHONGOING	ILANGBEL CKG	- ZICK	201	•	32.1.0 I AC21130		
QNH		5 HPA		CHONGOING-RANGERICKG-ZICK  Elevation 1349 FIT TORA 5380 M Iso script 22 C TODA 5380 M Resologue 81394 ANDA 5380 M Isospilegue 81394 ANDA 5380 M I obstacle							
Air con				Iso temp 1	2 C TOD	A 3200 M		D			
	ing Off			Rmysleps 0 Line up das Ten	13% ASD.	A 3200 M	1 obstacle		T	)GA	
Dry che	ersers ino	perative									
WEIGHT		ONF 1+I	2		CONF 2			co	NF 3		
1000 KG	TAILWIND	961500	HEADWIND	TARRETT	WANTE	MEADWIND	TABLETE		012D	HEADWE	
89	28 ST	9 KT	10 KT	-09 KT	9 KT	38 KT	24 NT		0.2	10 KT	
	142-76-90	172/78/01	122.00.04	143/24/20	1227779	175.00.00	1427074	125	122.27	18270.00	
88	143,000,00	0.4 142/47/61	165/00/003 36 2/4	140/42/43 240/42/43	0.4 143/97/98	16.2 16.000.00	0.4 143/90/KS	1.00	0.6	1.5.15.150 1.6.1.150.150	
87								2.5			
86	143-73-79 33 4-9	39 3/4 0.4	134/30/02 39 3/4 0.5	143/32/33 33 3/4 0.5	181/20/07 28 274	124/20/20	141/47/31 32 2/4 0.1	72	274	153/30/30 37 3/4	
	142/45/46	171.76.00 37 3.4 0.6	184/90/02	243/42/43 25 2/4 0.4	28 374 614 141/86/87	150/57/50	1.61/66/70	100	0.6	183/86/80 50 5/8 0.6	
85	143-72-77	0.4 121/20/2P	124-70-02	142/49/20	121/20/20	0.6 134/37/37	141/45/49	10	0.2	183/25/29	
84											
83	18.0 TO 112	112-70-70 12 2-1 0.0	186/80/00 33 3/3 0.0	20 3/4 0.2	183/18/19/ 87 3/8 0.4	150/50/50 62 3/4 0.7	142/45/46 70 7/4	10	0.5	1 57 0.7	
82	16071:32	172-76-70	170 70 02	143/49/90	183/25/22	123/20/20 45 2/4	39 374	121	274	133.70.70	
	1407174	10.70	147/70/03	0.8 180/88/70	14.000	1.0	144 444		10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0	1.6 76 70 43 7/4	
81	147/40/33	0.4 133-76-79	170-70-02 47 3/4	0.4 140/49/49 43 3/4	0.2 153:23:24	0.1 134/34/34	0.2 100'00'07	120	0.3	1307070	
80					47 2/4 6/2 16/2/6/63	10 474 10 5 10 674		-	0.4 0.4 0.5 0.6 0.6	64 3/4 0.6 166/66/60	
79	147 MATE	47 4/4 0.7	160-00-01 46 -0-4 0-6	2 0.5 0.5	10 27	0.7	43 3/4 0.5	- 11	0.5	45 50	
	140/45/21	123-23-24	157.76/01	140/47/49	1527272	150 50 50	100'00'07	12	172.75	1307070	
78	1007770	0.0 150-55-56 50-3-74	107.07.00	0.2	0.4 161/50/51 50 2/4	0.5	140,000	16	0.5	155 76 76	
77				0.3		0.7					
76	180/80/20 45 3/4 6.5	33-024-37 31 374 0.3	120 70 70 72 5/4 8.4	200/47/48 48 3/4 0.5	1107071 51 574 0.6	321/21/21 52 5/4 0.6	50 5/E 0.F	-12	01/24 0.5	49 37 67	
75	100700700	52 AG	53 214	100 3/4 00 3/4	140 WE TO	100 TO TO	14276244	- 60	274	40 24	
	145/46/49 71 3/4 0.1	1242420	180/20/27	147/40/47	140,40,40	140740740	141/61/66	125	21/20	183/33/37 70 2/4 0.6	
74	145/45/46	0.7	154/54/56	0.1	140/40/40 74 (74 0.7 147/47/40 75 (2/4	0.3 100/40/40 55 &7	100 00	190	0.5 21/23 0.6 150/63 0.7		
73	145/45/48 62 2/4 0.3	0.1	0.7	0.3					0.7	0.1	
72	73 ST	172/72/74 77 1/7	153-75-76 55 87	55 574 0.5	147/47/47 55 E-7	33 E7	71 ST	15	272	77 278 0.5	
	144 314 54 314	143/46/50	120/WE/70	744 3/4	120 Maries AA 4/7	335 44 45 44 47	1200 TOTAL A3 3/4	100	274	1537575	
71	143/13/10	133743740	120763760	0.8 180/08/44	13370704	120042044	1207000	10	0.0	1827274	
70	14700000	0.0	0.0 117/20/42	1.0	124 90 41	0.0			0.2	0.5	
69	11 25	0.0		0.0		0.0	A4 3/4 0.3	-		A4 A7	
68	1310/28/83 53 6/7 6/8	33 T/9 0.0	110/20/41 93 5/9 6/6	137-70-77 53 4-7 0.0	11 6 76 37 53 27 6.0	33 2.7 0.0	13 AT	1/2	27 0.0	117/24/27 23 27	
	121/27/10	55 T/9 0.0	1169710	110/32/34	111/92/34	111/32/34	1249194			111/21/24 54 2/7 0.0	
67	1167678	0.0 114/20/2P	114/24/29	110/20/22	1107072	110/20/22	117/20/22	100	0.0	109/20/22	
66				110/20/21		55 V.9 110/20/21			0.0		
65	11A9498 27 59 60	113/24/26 22 1/9 0.0	113/25/26 27 5/2 6/2	0.0	1100001 22 50 00	22 10	100/20/32 AT 2/7 0.0	27	0.0	1083832 At 27	
90	1129297	112/23/27	1120207	110/28/20	110 78/20	110/28/20	100/24/28	100	POAGE	101/24/28	
	17.12		77.700	ENFLU	ENCE OF AIR O	:02D.				1 10 100	
On	040 54 4	PHS 23 4	010 02 4	PHD 42 4	010 01 1	PHD 24 4	010 42 4	2000		C-100 - 0.0	
				INFLUENCE	OF RUNWAY	CONDITION		-	0 0		
WET	14 -0 -1		W -5" -1	-w -b -c	w 5' s'	4 1 1	10 0 0	-17	200	-10 -0 -0	
ONH HEA	W # 0	30 0 0	11V 0 0	DELLES	E OF DELTA		30 0 0	.00	0 0	all or o	
-10.0	2 2 3	- 25	A	- 11	1 2 1	110 -0	100		10 0	v 2°.	
	0-110 000 -1	P-100 1.8 -2	(-11) 18 1	PHO 18 -2	(-11) (0.8 -)	P-00 1.0 -2	(+11) (6.8 -)	0-000	1.0 -2	(+)10 -LB	
+10.0	F -5' -1'	-0.1 0 -0.1 0	P -7 -1	0 10 10 10 10 10 10 10 10 10 10 10 10 10	11 -1 0		P P P	V-000	19.1	V -1 -1	
LANGER	N 10 11	GAI C DW CO	64N	VAC III Just	(DAT) = 27	C Man nov in	at the se	7	dan QNH o	N 100 F	
OF OWNER	omn -	JMILATION C	o DMI	TAXES Tree	n(OAT) = 52	C Mexace la	Min VLYRV		6e-QNH a	de 3189 FT	
96 960 MCMCCORE	(V1.K3)			newsy leastle	Probstacles		CHECK VMU				
		tire speed 6-b				ME	Cornet, VLVE			100,000	



A321211	- JAA	CFM56-5B3	engines	CHONGOING -	JIANERFI CKE	-ZECK	0.3	34.00 2	34.00 21-Apr-17 AC211001 V 9		
QNH		25 HPA		Direction 1	330 FT TOR	A 3800 M	. US	AC21104	DRY		
Air con				Iva norma 1	2 C TOD	A 1500 M					
Anti-ici				Hwyslope - Line spilor, 100	0.21% AND	A. 3800 M	0 obstacle	obstacle TO			
	rsers inc	perative									
Dry che											
WEIGHT	TAILWINE	CONF 1+I	F HE ADVENT	TAILMINE	CONF 2	HEADWIND	TAILWIND	CONF 3	HEADWINE		
1000 KG	TAILWIND	# EVD	HEADWING.	TAILWIND	WIND	HEADWIND 16 KT	TAILWIND .00 KT	WEND	HEADWENE 10 KT		
89			A2 A16	56 5.6	11 24	0.4		0.7	54 25		
	37 349	42 27	43 3.9	79 7-9	42 27	42 32	149-78-02	70 273	1047273 26 27		
88	144/01/04	170/07/20	163-70-73	143/20/00	100 00 00	104/71/71	140:78:02	101/70/72	0.2 10271/73		
87			81 3.5 8.7 163/70/72	0.4							
86	145/00/04 40 2/0 0.3	100 HT 20 47 A9 63	4A 3.0	42 22	200 MA 2/7	10471/71	14770-02 37 23 0.9	161 (00.72 28 2.9 6.0	141/70/72 24 2/3 6.6		
	146/00/00	100/07/74	DATE TO TO	147/10/10	RESIDENCE.	164/70/70	140-70-0)	141.400.73	100 100 72		
85											
84	43 50	300/07/09 47 3/3	47 A13 0.5	47.70.70	000 07 07 0.4	1047070	140/70/02 40 2/3	101/00/71 40 2/3 0.9	159/00/TI		
	147-00:02	49 30	104 (0.7)	149.70.79 40 2.7	18197.97	183/70/70	41 23	1304 (67.70)	138 UT-TO		
83	9.2 147/90/43	9.0 363.97599	165 TO 20	140 PO PK	0.4 143.985,685	0.5 166/71/71 41 3/9	9.4 140/77/00 42 2/3	1.55 VO. 107 1.55 VO. 107	1.50 mm mm		
82	9.5			0.4							
81	0.3 147/00/03 47 AW	70 AV	71 20 0.1	41 24	20 AV	103 WEWS	140 Table 1 42 20 20	100 VALUE	184 WE WT		
	146/90/02	72 23 0.1	16576570	Legisland	56.4 (65.4 56.4 (65.4 6.4		140,4001	155 YEARS 25 2/3 0.1	153760766 41 2/3 0.1		
8)		0.1		0.0	0.3	0.5		0.1	0.1		
79	140-70-02 50 3-0 0-2	50 20 0.1	53 g/3 0.1	51 A-6 0.0	51 2/3 0.5	31 #3 0.5	171-78-02 45 - 2-0 0.0	40 23 0.1	40 27		
	120/20/01	34 2/3 8-4	100/05/87	72 79	100 03 VI	163-08-08 92 -2-7 0-6	172:78:02	150 00:04	150 10704		
78	171 75 40	363.0697	10004107	1.63-76-76	0.6 161105105 53 2/3	127/06/06	0.1 170/00/02 66 2/3	0.1 181/01/02 68 2/3	14575762		
77	74 310	363.96.97 59. 23 6.2				10 20			149 VE VS 48 2/3 6.1		
76	113/17/00	76 A/3 0-2	100 YEAR OLD	15.6 TO TO	54 AV	116/00/00 51 6/2 0.7	18.000-02 00 2/3 0.1	100 YES	145 WO 62 67 67 0.1		
		150:03:05	155 62 64					60 20 60 20	6.1 1477000 50 2/3 0.2		
75	0.0 133/37/30	1203137	120,0123	0.7 1347070	0.7 128.02.02	0.7 131/01/01		147.78.81	0.3		
74						9.6	31 33 9.1		51 513 0.3		
73	38.70	39.00-62 59.273 6.1	153.40.42 50 20 6.1	183/95/97 57 3/3	37 27 88	171.00:00 37 2:2 0.0	121.27500 72.272	72 27	14497100 52 573 0.4		
	183/26/20	174/70/41	142/70/12 60 2/2	183/97/97 78 2/2	122 00 VO	183.90.00 78. 2.7	170/76/39 53 2/3	145/76/79 53 23	1417070		
72	141/05/07	353,70043	141/4000	143 Marie	155,00,00	144 90 90	0.5				
71	21 22	63 2/3			0.0	60 33	74 3/3	140-76-76 60 140-76-77	142/00/00 64 3/3 64		
70	44 50	0.7	62 30	1527076	40 27	0.0 154-50-50 61 2-7	140/35/57 55 2/3	55 20	141/25/27 55 a/a 0.7		
/9	111/24/20	111.00.31	100,27.20	152 252	124.20.20	127.25.20	180/23/30	10,74,70			
Θ							140 23 240 23		50 273 0.5 13872-79 50 27 0.6 13872-79 0.7 13872-73 0.1		
68	181 (94 (90) 64 1/3 6.0 186 (83 (88)	240,707,77 44 2/3 8/2 147,744,74 287 2/3	140/78/97 64 2/3	131/24/24 63 3/3 6.4 141/36/34	183/97/97 43 2/3	181-97-97 67 27 84	76 23	100/92/99 59 2/3 6.6 137/81/83	39 27		
		27 33	140.74.74		151-04-00	180/30/30	140.71.51		70 27		
67	140-71-55	147/14/14 68 1/7	1007475	141/5/63	100.0	146-55-55	0.1 142/98/02	136 V6 V2	0.1 13470/52 60 2/3		
66						0.5 1113131					
65	45 5.7	68 2/7 0.0	65 £77	65 3.7	45 7.7 0.0		121 (2011) 41 (2011) 9.4	61 23 0.4	61 2/3 0.4		
	126-03-90	323/43/49	121/43/40	08,001.0	114/39/39	116/29/29	120141130	134/45/30	131/49/20		
	10.370			ENFLU	INCE OF AIR O	OND.					
On	w 27 4		0 1 -0	0 2 1	0.01		A -01	J J J	2 2 3		
	040 -04 -0 8 8 8 8	2 5 4	U U E	DELLEGE	OF BUNDAY	CONDITION	E E 4	0 6 4	2 5 6		
WET	100 000	42.00	- 10 m	100 20 2	- 1 1 T	100 100 1	40.00	w 2 2	- 27.1		
	049 AL A	000 43 4	0.000 H R -2				(185) J.A. JA.	19 E E	C100 -03 -0		
D QNH HPA				INFLUENC	E OF BELTA	WEAM WE					
-39.0	P40 89 3	W -0" -1	0'-1'-1	-0 -0 -1 crem new 2	0 1 1	0 -1/ -1 0-60 -10 -1	W -0' -1	-1' -1' -1	0'-0'-1		
-110	-1' W W						* * *	10 87 8			
-3403	D-671 - 0.0 1	Den 10 0				0-60 00 0	0. 10. 11 0. 10. 11		C-800 -000 0		
LONGERS	8U39G		2003	Tred	(OAT) = 27	C Min-ror fa		Min QNOT o	1929 FT		
		LIMITATION O		HDS Ton	A(OAT) - 52	C Manage Is	Table 1770 FT	Macquitte	3100 FT		
				3 regress length 4 robstacles			Min VI/VRV2 - 1101822 CHECK VMU LIMITATION				
DOMESTIC STATES			2nd server 3	represent levels i	1 tehsterles		CHECK VMIT	LIMITATION			

A321211		CFM56-5B3 (	engines	CHONGOING -	JIANGBEI CKG	-ZECK	21	34.00 2 AC2118	1-Apr-17
QNH		25 HPA		Desirion 1	303 FT TOR	A 3800 M	- 21	DI	
Air con					2 C TOD	A. 3800 M	0.1		
Anti-ici		perative	- 1	Hwysdope 6	DAME DAY	A 3800 M	0 obstacle	TC	)GA
Dry che		sperative							
WEIGHT		CONF 1+I			CONF 2			CONF 3	
1000 KG	TAILWINE	WEND	HE LEWIS D	TAILWIND	WIND	HEADWIND	TAILWIND	WEND	HEADWIN
89	34 AM	9 KT	10 KT	AF ET	# KT	10 KT	20 KT	9 KT	24 KT
89	141.700.00	11000070	104 (0.7)	1457010	10005-05	104 00 00	1473700	101.00.70	105-70-73 50 E-3
88									
87	78 3.0 0.0	100/07/09 42 2/3 0.4	104 VB 70 43 3/3 0.5	147.70/70 30 3.6 0.2	43 3/3	104 05 05 47 27 0.4	140/27/00 24 2/3 0.4	101/07/70 37 3/3 0.1	27 27 0.5
86	146-75-03	88 3/3	0.8 100 WT/70 23 2/2	1417070	0.1 101/03/03 0.1	10.4 10.107307 11 227	77 23 9.7 9.7	0.1 101/07:00 20 2/3	10470/72 27 27 0.7
	9.6 147/99/42	0.1 343-05-68	0.1 163.960.00	0.1 140/76/76	0.1 100/04/04 0.2	164/97/97	140-777-00 20-2-77	0.5 101.00.00 20 2.0	
85					0.3		90 23 111-11-00 60 31		
84	12 AV	161 (05:07) 66 (17) 0.0	27 3.3 0.7	140-11-10 0.2	0.2 0.2	164 WEST 6.4		100 VICTOR	163 WO 71
83	146-50-02 0.0	363/64/67 47 3/3 0.0	100.05/88	150/36/37 81 3/8 0.1	25 A.A. 0.3	165.07.07 17 3.0 0.0	111.78.00 41 3.9 0.5	101/00/00	101 WT 69 0.1
	141.75.01	10270194	107.70.75	1307070	1070404	100.07.07	170 27 00	102 70 77	100 100 10
82									
81	18 3.0 8 3.0 8.0 18078.01	363/83/83 50 2/3 8-3	70 23 0.6	1307573 49 20 61 1417574	00 403 03 0.4	10 27 0.5	170/37/39 43 13 6-7 171/37/39	100 02-07 64 27 63 150 04-06	150 KO W T
80		162-62-64	71 23 DO	40 3.0	2010101	100/00/00 10 2/2	44 20 47	43 23	47 2/7
	0.4 160/38/61	9.4 343.93344 52.33	163 93 95 72 23	142/10/04 40 AW	0.4 16.6 % 6 % 6 % 6 % 6 % 6 % 6 % 6 % 6 % 6	165 WEST	152/57100 45 3/3	150 VALUE	1400000
79	112-74-00	0.4 100(0.0)	0.7 100 Yang	0.5 150/20/25			1107000		0.1 133 00 04
78					82 2/2 0.0	12 23 0.0		27 23 0.2	
77	174/77/00	100/00/02	54 53 0.0	52 53	107.00.00	1010101 53 22 0.7	174/78/01	150/01/03	15400.03
	124-27-29	170-70-91	101.01.02 55 2.0	1347272	1010101	163-03-03 34 -27	124-27-29	122.00.02	0.2 133:00:02
76	134/36/39					162/92/92			
75		32 23 6.7	37 2/3 0.0	133/24/24 33 2/3 0.4	33 27 0.6			100-76-92 70 2.0 0.1	152 70 42 50 2/3 0.3
74	74 27	27 23 57 23	180/80/81 88 2/3	183/76/74 80 2/3	20 27 0.5	76 23 0.0	#1 23	71 20 0.4	181-780-01 A1 2/3
	143/34/36	74 43	1557630	1427574	100.00	163.95.95	1127634	141/48/89	1.40 TEVED
73	111/24/20	0.0 15676-51	0.1	0.4 153-73-73	0.8	0.0	110-75-77	150-77-79	1497079
72									
71	123/33/33	115/35/31 81 2/3	81 319 0.1	1527072 50 272	12 2/2 0.0	150.50.50	110/35/37 52 2/3	140.76.78 54 377	51 27
	182/92/94	3747474	188/88/97	181/91/93	176/70/70	137.97.97	1717470	149/24/37	14675-37
70	180/20/22	113/23/31	1007570	0.6	0.0	120/20/20	121.74.74	14775476	1417070
Θ	82 37 82 14004050	80 JO	83 23 8.0	01 2/7 0.8	0.1	83 33 0.5 146/06/06	70 J.O	70 2.0 0.9	70 27
68	43 3/3	64 23	64 20	63 2/3 63 2/3	43 3/3	63 23	86 23 81 23	74 20 01	An 2/3
	110/20/03	101.01.01	143/42/44	1.45740740	143-45-45	154 25 25	140/01/43	140/41/63	14271-43
67	147/49/20	121-21-32	1207074	140,40,40	120 20 20	1313131	14770-34 60 23	140 70 70	1407072
66									
65	147147160 87 317	133145147 88 377	130-12-17 03 377	1,47,107,47 03 517	121-72-72 23 3-7	133,733,73	140 40 31 61 23	01 29 0.5	01 2/3
0.0	124/34/30	327/16/164	122/14/96	127/20/20	11739/20	116/38/39	144/45/20	140 48 70	138/48/70
	45.238	10.25	18.19	ESPLU	ENCE OF AIR O	000.	55 713	58/546	32.3%
On		~ ~ .	- 21 -	E E		W	W		
	* * *	2 2 3	000		OF RUNWAY	COMPLETON	***	2 0 0	2 0 0
WET	40.000	42 9 9	ar 2" - "	10 22 2	- 17 - 7	100 000	10.00	# D7 1	277
	34 0 0	107 9 9	100 6 8	C1800 -0.0 -0	CHES A. P. C.	(13), 0, 0 (141) -00 -1	(180) -8.1 -8 (180) -8.1 -8	CAS A1 A	* * *
-QNH HIPA -28.0				ESPLEEN	E OF DELTA !	PRESSURE		81.2	
-2000	CHI - 40 -	0.00 44 4	000 18 0	(180) -08 -4	O 0 1	(144) -47 -4	DMS W 15	CHES AND IN	CHES - 4.8
+11,0	7.00		10 0		- 0.0			-01 0	-11 -11 -1
	(147) 0.0	DATE DATE	C-600 E0 0	(160 68 0	-5 00	(147) 98 8	PRES - 0.0 . 0	T Ma ONL	
LowLva	NUINI	OAT C DW CC	2005	DE TOO	(OAT) = 27 s(OAT) = 52	C Marson la C Marson la	right 557 FT	MacQNII a	
PE 1000	OTHER DESIGNATION OF THE PERSON OF THE PERSO	LIMITATION OF	ODES:				Min VI VR V	- 1101822	
NUCMICUM:	W400 00 LES	1-1st segment 2-					CHECK VMU	LIMITATION	

GROUND			AIR C	DISTANCE (	NM)		
DIST.	TAIL WIN	D		COMPONEN		HEA	AD WIND
(NM)	+ 150	+ 100	+ 50	0	- 50	- 100	- 150
10	7	8	9	10	11	13	15
20	15	16	18	20	23	26	30
30	22	25	27	30	34	39	45
40	30	33	36	40	45	51	60
50	37	41	45	50	56	64	75
100	75	82	90	100	113	129	150
200	150	164	180	200	225	257	300
300	225	245	270	300	338	386	450
400	300	327	360	400	450	514	600
500	375	409	450	500	563	643	750
1000	750	818	900	1000	1125	1286	1501
1500	1125	1227	1350	1500	1688	1929	2251
2000	1500	1636	1800	2000	2248	2572	3001
2500	1875	2045	2250	2500	2813	3215	3752
3000	2250	2454	2700	3000	3375	3858	4502
3500	2624	2863	3150	3500	3938	4501	5252
4000	2999	3272	3600	4000	4500	5144	6003
4500	3374	3681	4050	4500	5063	5787	6753
5000	3749	4090	4500	5000	5626	6430	7503

FLIP23 A320211 M565A1PIP 3410 03301.000011 0250300 .7800 .00000 0 0300350 0 0 77 64 43 61 18590 FCOM-NO-03-50-002-001

Column   C	EF. LANDII				IS/	А		EL CONS	UMED (K	3)		
DIST.    CORRECTION ON FUEL CONSUMPTION (KG/1000KG)   FUEL CONSUMPTION (KG/1000KG)			TIONING		CG = 3	33.0 %		TIME (	H MINI			
NM    290   310   330   350   370   390   FL290   FL330   FL350   FL	AIR	OIT			,		CO FUEL	RRECTION ( CONSUMP	TION			
CNM    290   310   330   350   370   390   FL310   FL350   10   13   1545   1526   1513   1507   1507   1510   10   13   13   1525   1685   1655   1655   1634   1622   1617   1615   10   14   14   1525   1786   1756   1788   1727   1722   11   15   15   10   14   15   15   10   14   15   15   10   14   15   15   10   14   15   15   15   15   15   15   15	DIST.			FLIGHT	LEVEL	T			FL290 FL330 FL			
200         0.38         0.42         0.45         0.55         0.55         0.52         0.55         0.52         0.55         0.55         0.55         0.55         0.55	(NM)							FL310	FL350	FL390		
250	200							10	13	15		
250         1825         1786         1756         1738         1727         1722         11         15           275         1965         1916         1877         1853         1838         1828         11         15           300         2106         2046         1999         1969         1948         1934         11         16           300         2.151         0.51         0.51         0.51         0.51         0.52         0.55         0	225						1615 0.42	10	14	16		
275         1965         1916         1877         1853         1838         1828         11         15           300         2106         2046         0.48         0.158         0.58         0.58         0.58         0.58         0.58         0.55 <td>250</td> <td>1825</td> <td>1786</td> <td>1756</td> <td>1738</td> <td>1727</td> <td>1722</td> <td>11</td> <td>15</td> <td>17</td>	250	1825	1786	1756	1738	1727	1722	11	15	17		
300   2106   2046   1989   1969   1948   1934   11   16   325   2246   2177   2121   2084   2059   2040   12   17   325   0.54   0.55   0.55   0.55   0.55   0.55   0.55   350   2386   2307   2243   2200   2170   2147   12   18   375   2526   2438   2385   2316   2281   2253   13   19   400   2667   2588   2487   2432   2392   2360   13   19   400   2667   2588   2487   2432   2392   2360   13   19   425   1.04   1.04   1.05   1.05   1.05   1.05   425   2807   2699   2609   2548   2503   2467   13   20   450   2947   2829   2732   2664   2614   2574   14   21   475   1.14   1.14   1.15   1.15   1.15   1.15   1.15   500   3228   3090   2854   2780   2726   2661   14   22   475   1.14   1.14   1.15   1.15   1.15   1.15   1.15   500   3228   3090   2976   2897   2897   2837   2788   14   23   1.17   1.18   1.18   1.18   1.19   1.19   1.19   525   3368   3221   3099   3013   2949   2896   15   24   575   3650   3483   3344   3246   3172   3111   15   25   575   3650   3483   3344   3246   3172   3111   15   25   575   3650   3483   3344   3246   3172   3111   15   25   575   3650   3483   3344   3246   3172   3111   15   25   575   1.23   1.33   1.34   1.35   1.35   1.35   1.35   1.35   1.35   675   4212   4006   3836   3714   3621   3542   17   29   775   4634   4268   4082   3949   3846   3759   18   31   775   4634   4399   4205   4066   3959   3867   18   31   775   4634   4399   4205   4066   3959   3867   18   31   775   4656   4662   4451   4302   4185   4084   19   33   800   4916   4662   4451   4302   4185   4084   19   33		1965	1916	1877	1853	1838	1828	11	15	18		
325		2106	2046	1999	1969	1948	1934	11	16	20		
350 0.58 0.58 0.58 0.58 0.58 0.58 0.58 0.		2246	2177	2121	2084	2059	2040	12	17	2		
375         0.58         0.58         0.58         0.58         0.58         0.58         0.58           375         2526         2438         2365         2281         2281         1.02         1.02           400         2667         2568         2487         2432         2392         2360         13         19           425         2807         2699         2609         2548         2503         2467         13         20           450         2947         2829         2732         2664         2614         2574         14         21           475         3088         2960         2854         2780         2726         2681         14         21           475         3088         2960         2854         2780         2726         2881         14         22           500         3228         3090         2976         2897         2837         2788         14         23           525         1.20         1.21         1.21         1.22         1.22         1.22         1.22           525         1.20         1.21         1.21         1.22         1.22         1.22         1.22 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>12</td> <td>18</td> <td>27</td>								12	18	27		
400         2667 1.04         2568 1.04         2487 1.05 1.05         2492 1.05 1.05 1.05         2392 1.05 1.05 1.05         2360 1.05 1.05         13 19 1.05           425         2807 1.07         2699 2809 1.08 1.08 1.08 1.08 1.08 1.08 1.08 1.08		0.58	0.58		0.58	0.58	0.58	13	10	23		
400         1.04         1.04         1.05         1.09         1.00         1.00         1.11         1.11         1.12         1.12         1.12         1.12         1.12         1.12         1.12         1.12         1.12         1.12         1.12         1.15         1.15         1.15         1.15         1.15         1.19         1.19         1.19		1.01	1.01	1.01	1.02	1.02	1.02	,,,,	55	2		
423         1.07         1.08         1.08         1.08         1.09         1.09         1.09           450         2947         2829         2732         2664         2614         2574         14         21           475         3088         2960         2854         2780         2726         2681         14         22           500         3228         3090         2976         2897         2837         2788         14         23           500         3228         3090         2976         2897         2837         2788         14         23           525         1.36         1.18         1.18         1.19         1.19         1.19           525         1.360         3221         3099         3013         2949         2896         15         24           550         3509         3352         3222         3130         3061         3003         15         24           575         3650         3483         3344         3246         3172         3111         15         25           575         3650         3483         3344         3248         329         1.29         1.29		1.04	1.04	1.05	1.05	1.05	1.05					
475         3088         2960         2854         2780         2726         2681         14         22           500         3228         3090         2976         2897         2837         2788         14         23           525         3369         3221         3099         3013         2949         2896         15         24           550         3509         3352         3222         3130         3061         3003         15         24           575         3650         3483         3344         3246         3172         3111         15         25           600         3790         3614         3467         3363         3284         329         129         15         24           575         3650         3483         3344         3246         3172         3111         15         25           600         3790         3614         3467         3363         3284         3219         16         26           625         3931         3744         3590         3480         3397         3326         16         27           650         4072         3875         3713         3597 <td>425</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>13</td> <td></td> <td>25</td>	425							13		25		
475         1.14         1.14         1.15         1.15         1.15         1.15         1.15           500         3228         3090         2976         2897         2837         2788         14         23           525         3369         3221         3099         3013         2949         2896         15         24           550         1.20         1.21         1.21         1.22         1.22         1.22         1.22           575         3509         3352         3222         3130         3061         3003         15         24           575         3650         3483         3344         3246         3172         3111         15         25           600         3790         3614         3467         3363         3284         3219         16         26           625         3931         3744         3590         3480         3397         3326         16         27           650         4072         3875         3713         3597         3509         3434         17         28           675         4212         4006         3836         3714         3621         3542 <t< td=""><td>450</td><td></td><td></td><td></td><td></td><td></td><td></td><td>14</td><td>21</td><td>2</td></t<>	450							14	21	2		
500         3228 1.17         3090 1.18         2976 1.18         2897 1.18         12837 1.19         14         23           525         3369 3221 1.20         3099 3013 2949 2896 15         24           550 1.20 1.21 1.21 1.22 1.22 1.22 1.22         15         24           550 3509 3352 3222 3130 3061 3003 15 1.24 1.25 1.25 1.25 1.25 1.25 1.25 1.25 1.25	475	3088 1.14		2854 1.15	2780 1.15	2726 1.15	2681 1.15	14	22	28		
525         3369 1,20 1,21 1,21 1,22 1,22 1,22 1,22 1,22	500	3228	3090	2976	2897	2837	2788	14	23	25		
550         3509         3352         3222         3130         3061         3003         15         24           575         3650         3483         3344         3246         3172         3111         15         25           600         3790         3614         3467         3363         3284         3219         16         26           625         3931         3744         3590         3480         3397         3326         16         27           625         3931         3744         3590         3480         3397         3326         16         27           650         4072         3875         3713         3597         3509         3434         17         28           675         4212         4006         3836         3714         3621         3542         17         28           675         4212         4006         3836         3714         3621         3542         17         29           700         4353         4137         3959         3832         3734         3651         17         30           725         4494         4268         4082         3949         3846 </td <td></td> <td>3369</td> <td>3221</td> <td>3099</td> <td>3013</td> <td>2949</td> <td>2896</td> <td>15</td> <td>24</td> <td>30</td>		3369	3221	3099	3013	2949	2896	15	24	30		
575         3650 1.27         3483 1.28         3344 3246 1.28         3172 1.29         3111 1.29         15         25           600         3790 3614 3467 3363 3284 3219 1.30         1.30 1.31 1.31 1.32 1.32 1.32 1.32         16         26           625 3931 1.30 1.31 1.34 1.35 1.35 1.35 1.35 1.35 1.35         1.35 1.35 1.35 1.35 1.35 1.35         1.35 1.35 1.35 1.35 1.35 1.35         1.37 1.37 1.37 1.38 1.38 1.38 1.39 1.39 1.39 1.39 1.39         17 28           650 4072 3875 3713 3597 3509 3434 17 28         1.37 1.37 1.38 1.38 1.38 1.39 1.39 1.39 1.39 1.39         1.7         28           675 4212 4006 3836 3714 3621 3542 17 29         1.41 1.42 1.42 1.42 1.42 1.42 1.42 1.42		3509	3352	3222		3061	3003	15	24	3		
600         3790         3614         3467         3363         3284         3219         16         26           625         3931         3744         3590         3480         3397         3326         16         27           650         4072         3875         3713         3597         3509         3434         17         28           675         4212         4006         3836         3714         3621         3542         17         29           700         4353         4137         3959         3832         3734         3651         17         30           725         4494         4268         4082         3949         3846         3759         18         31           750         4634         4399         4205         4066         3959         3867         18         31           775         4775         4531         4328         4184         4072         3976         19         32           800         4916         4662         4451         1.59         1.59         1.59         1.59		3650	3483	3344	3246	3172	3111	15	25	33		
600         1.30         1.31         1.31         1.32         1.32         1.32           625         3931         3744         3590         3480         3397         3326         16         27           650         4072         3875         3713         3597         3509         3434         17         28           675         4212         4006         3836         3714         3621         3542         17         29           700         4353         4137         3959         3832         3734         3651         17         30           725         4494         4268         4082         3949         3846         3759         18         31           750         4634         4399         4205         4066         3959         3867         18         31           775         4775         4531         4328         4184         4072         3976         19         32           800         4916         4662         4451         1.59         1.59         1.59         1.59								16	26	34		
623         1.33         1.34         1.35         1.35         1.35         1.35         1.35           650         4072         3875         3713         3597         3509         3434         17         28           675         4212         4006         3836         3714         3621         3542         17         29           700         4353         4137         3959         3832         3734         3651         17         30           725         4494         4268         4082         3949         3846         3759         18         31           750         4634         4399         4205         4066         3959         3867         18         31           775         4775         4531         4328         4184         4072         3976         19         32           800         4916         4662         4451         1.59         1.59         1.59         1.59			1.31	1.31	1.32	1.32	1.32	16	27	35		
675         1.37         1.38         1.38         1.39         1.39           675         4212         4006         3836         3714         3621         3542         17         29           700         4353         4137         3959         3832         3734         3651         17         30           725         4494         4268         4082         3949         3846         3759         18         31           750         4634         4399         4205         4066         3959         3867         18         31           750         4634         4399         4205         4066         3959         3867         18         31           775         4775         4531         4328         4184         4072         3976         19         32           800         4916         4662         4451         1.59         1.59         1.59         1.59		1.33	1.34	1.35	1.35	1.35	1.35			3(		
700         1.40         1.41         1.41         1.42         1.42         1.42         1.42           700         4353         4137         3959         3832         3734         3651         1.7         30           725         4494         4268         4082         3949         3846         3759         18         31           750         4634         4399         4205         4066         3959         3867         18         31           775         4775         4531         4328         4184         4072         1.56         1.56         1.5           775         4766         4662         4451         1.55         1.56         1.56         1.5           800         4916         4662         4451         4302         4185         4084         19         33           1.56         1.56         1.57         1.58         1.59         1.59         1.59		1.37	1.37	1.38	1.38	1.39	1.39	12.5				
700         1.43         1.44         1.45         1.45         1.45         1.45         1.45           725         4494         4268         4082         3949         3846         3759         18         31           750         4634         4399         4205         4066         3959         3867         18         31           775         4775         4531         4328         4184         4072         3976         19         32           1.53         1.54         1.54         1.55         1.56         1.56         1.56           800         4916         4662         4451         4302         4185         4084         19         33           1.56         1.56         1.57         1.58         1.59         1.59         1.59		1.40	1.41	1.41	1.42	1.42	1.42	1200		31		
750     1.47     1.48     1.48     1.48     1.49     1.49       750     4634     4399     4205     4066     3959     3867     18     31       775     4775     4531     4328     4184     4072     1.56     1.56     19     32       800     4916     4662     4451     4302     4185     4084     19     33       800     1.56     1.57     1.58     1.59     1.59     1.59     1.59	700	1.43	1.44	1.45	1.45	1.45	1.45			3		
750         4634 1.50         4399 1.50         4205 1.51         4066 1.52         3959 1.52         3867 1.52         18         31           775         4775 1.53         4531 1.54         4328 4184 4072 3976 1.56         3976 1.56         19         32           800         4916 4662 4451 4302 4185 4084 19         4302 4185 4084 19         4984 159 1.59         159         1.59	725							18	31	41		
775     4775     4531     4328     4184     4072     3976     19     32       800     4916     4662     4451     4302     4185     4084     19     33       1.56     1.56     1.57     1.58     1.59     1.59     1.59     1.59	750	4634		4205	4066	3959	3867	18	31	4		
<b>800</b> 4916 4662 4451 4302 4185 4084 19 33 1.56 1.57 1.58 1.59 1.59 1.59		4775	4531	4328	4184	4072	3976	19	32	43		
1.00 1.00 1.00 1.00		4916	4662	4451	4302	4185	4084	19	33	4		
<b>825</b>   5057   4793   4575   4419   4298   4193   19   34	825	5057	4793	4575	4419	4298	4193	19	34	4		

- 1、判断是否是新机长(5分)
- 2、确定该航班主航段飞行高度层(5分)
- 3、确定该航班起飞机场选择的起飞跑道及起飞标准(10分)
- 4、确定该航班是否选择起飞备降场,并说明原因(10分)
- 5、确定放行航班时选择的目的地备降场,并说明原因(10分)
- 6、计算该航班的轮挡油量,并说明原因(无须对参考着陆重量50000KG进行油量修正,油量按照10KG 向上取整)(15分)
- 7、计算该航班的实际起飞重量,并说明原因(15分)
- 8、确定该航班最大灵活温度及V1/VR/V2的速度(10分)
- 9、确定该航班目的地机场选择的着陆跑道及最低放行标准(10分)
- 10、根据航班放行情况,编写FPL电报(10分)