

Takeoff

TASS

46 °C

T/O Flaps

5

DRY

OIMM

Shahid_Hashemi_Nejad

MASHHAD

31R

Takeoff

OAT

24 °C

T/O Flaps

5



DRY

OIMM


Shahid_Hashemi_Nejad

MASHHAD

31R

AD Elev 3266 ft TORA 12500 ft ATOM 48700 kg								AD Elev 3266 ft TORA 12500 ft ATOM 48700 kg							
				Distances								Distances			
V1	VR	V2	VFTO	TORA	12500 ft	V1	VR	V2	VFTO	TORA	12500 ft	V1	VR	V2	VFTO
145	148	152	210	TODA	13494 ft	140	143	150	210	TODA	13494 ft	140	143	150	210
				ASDA	13494 ft					ASDA	13494 ft				
				TOD req	9189 ft					TOD req	7241 ft				
				Slope	-0.260					Slope	-0.260				
				Configuration	—					Configuration	—				
				Flaps	5					Flaps	5				
				Antilce	OFF					Antilce	OFF				
				Packs	AUTO					Packs	AUTO				
				Improved	YES					Improved	YES				
				PMC	ON					PMC	ON				

All Runways								All Runways							
Wind 100/6 kt QNH 1018 hPa ATOM 48700 kg OAT 24 °C				Shahid_Hashemi_Nejad OIMM MASHHAD				Wind 100/6 kt QNH 1018 hPa ATOM 48700 kg OAT 24 °C				Shahid_Hashemi_Nejad OIMM MASHHAD			
Rwy	Flaps	TASS	V1	VR	V2	TORA	MTOM	Rwy	Flaps	V1	VR	V2	TORA	MTOM	
13L	5	52 °C	153	158	160	12500 ft	59792 kg	13L	5	144	150	157	12500 ft	59792 kg	
13R	5	52 °C	153	158	160	12861 ft	59673 kg	13R	5	144	150	156	12861 ft	59673 kg	
13R:A1229	5	52 °C	153	158	160	12861 ft	59576 kg	13R:A1229	5	145	150	156	12861 ft	59576 kg	
31L	5	48 °C	146	152	155	12861 ft	56127 kg	31L	5	139	144	151	12861 ft	56127 kg	
31L.VMC	5	50 °C	142	146	149	12861 ft	56301 kg	31L.VMC	5	139	142	149	12861 ft	56301 kg	
31L.VMC:A1229	5	45 °C	146	151	155	12861 ft	55242 kg	31L.VMC:A1229	5	140	146	153	12861 ft	55242 kg	
31L:A1229	5	45 °C	145	151	155	12861 ft	55242 kg	31L:A1229	5	140	146	153	12861 ft	55242 kg	
31R	5	46 °C	145	148	152	12500 ft	55954 kg	31R	5	140	143	150	12500 ft	55954 kg	
31R.VMC	5	46 °C	145	148	152	12500 ft	55954 kg	31R.VMC	5	140	143	150	12500 ft	55954 kg	
31R.VMC:A1229	5	46 °C	145	148	152	12500 ft	55954 kg	31R.VMC:A1229	5	140	143	150	12500 ft	55954 kg	
31R:A1229	5	46 °C	145	148	152	12500 ft	55954 kg	31R:A1229	5	140	143	150	12500 ft	55954 kg	



Eng Fail: Climb on RWY TRACK to minimum safe altitude. Minimum acceleration altitude 4266 ft MSL (1000 ft AAL).

Reland

AD Elev 3266 ft
LDA 12500 ft
ALM 48700 kg



DRY
OIMM
31

Shahid_Hashemi_Nejad
MASHHAD

Distances							Configuration		
Appr Flaps	Land Flaps	All Eng GA Flaps	Eng Out GA Flaps	VGA	VREF	VGA all eng	Dry Runway	LFlaps	30
10	30	10	10	160	131	160	LDR	Packs	AUTO
								Autoland	NO
VGA eng out	Eng Out GA grad						LD	Speedbrake	AUTO
160	4.41 %							Anti-ice	OFF

Takeoff Runways

CONDITION DRY

Configuration

OIMM Shahid Hashemi
MASHHAD

W/V 100/6 kt
QNH 1018 hPa
AD Elev 3266 ft

Flaps 5

Antilce OFF

Packs AUTO

Improved YES

PMC ON

TASS 52 °C	Flaps 5	V1 153	VR 158	V2 160	VFTO 210	OAT 24 °C	Flaps 5	V1 144	VR 150	V2 157	VFTO 210	13L
TORA 12500 ft	N1	EFFRA	Trim			TORA 12500 ft	N1	EFFRA	Trim			
	88.1 %	4266 ft	N/A				94.4 %	4266 ft	N/A			

Eng Fail: Climb on RWY TRACK to minimum safe altitude. Minimum acceleration altitude 4266 ft MSL (1000 ft AAL).

TASS 52 °C	Flaps 5	V1 153	VR 158	V2 160	VFTO 210	OAT 24 °C	Flaps 5	V1 144	VR 150	V2 156	VFTO 210	13R
TORA 12861 ft	N1	EFFRA	Trim			TORA 12861 ft	N1	EFFRA	Trim			
	88.1 %	4266 ft	N/A				94.4 %	4266 ft	N/A			

Eng Fail: Climb on RWY TRACK to minimum safe altitude. Minimum acceleration altitude 4266 ft MSL (1000 ft AAL).

TASS 52 °C	Flaps 5	V1 153	VR 158	V2 160	VFTO 210	OAT 24 °C	Flaps 5	V1 145	VR 150	V2 156	VFTO 210	13R
TORA 12861 ft	N1	EFFRA	Trim			TORA 12861 ft	N1	EFFRA	Trim			
	88.1 %	4266 ft	N/A				94.4 %	4266 ft	N/A			

NOTAM
A1229

Eng Fail: Climb on RWY TRACK to minimum safe altitude. Minimum acceleration altitude 4266 ft MSL (1000 ft AAL). TEMPO OBSTACLE! NOTAM A1229/22.

TASS 48 °C	Flaps 5	V1 146	VR 152	V2 155	VFTO 210	OAT 24 °C	Flaps 5	V1 139	VR 144	V2 151	VFTO 210	31L
TORA 12861 ft	N1	EFFRA	Trim			TORA 12861 ft	N1	EFFRA	Trim			
	90.1 %	4266 ft	N/A				94.4 %	4266 ft	N/A			

Eng Fail: Climb on RWY TRACK to minimum safe altitude. Minimum acceleration altitude 4266 ft MSL (1000 ft AAL).

TASS 50 °C	Flaps 5	V1 142	VR 146	V2 149	VFTO 210	OAT 24 °C	Flaps 5	V1 139	VR 142	V2 149	VFTO 210
TORA 12861 ft		N1 89.2 %	EFFRA 4266 ft	Trim N/A		TORA 12861 ft		N1 94.4 %	EFFRA 4266 ft	Trim N/A	

31L



Procedure
VMC

① Eng Fail: Climb on RWY TRACK to minimum safe altitude. Minimum acceleration altitude 4266 ft MSL (1000 ft AAL). Only VMC departure. Only obstacles within a VMC departure cone included.

TASS 45 °C	Flaps 5	V1 146	VR 151	V2 155	VFTO 210	OAT 24 °C	Flaps 5	V1 140	VR 146	V2 153	VFTO 210
TORA 12861 ft		N1 90.7 %	EFFRA 4266 ft	Trim N/A		TORA 12861 ft		N1 94.4 %	EFFRA 4266 ft	Trim N/A	

31L



Procedure
VMC
NOTAM
A1229

① Eng Fail: Climb on RWY TRACK to minimum safe altitude. Minimum acceleration altitude 4266 ft MSL (1000 ft AAL). TEMPO OBSTACLE! NOTAM A1229/22. Only VMC departure. Only obstacles within a VMC departure cone included.

TASS 45 °C	Flaps 5	V1 145	VR 151	V2 155	VFTO 210	OAT 24 °C	Flaps 5	V1 140	VR 146	V2 153	VFTO 210
TORA 12861 ft		N1 90.7 %	EFFRA 4266 ft	Trim N/A		TORA 12861 ft		N1 94.4 %	EFFRA 4266 ft	Trim N/A	

31L



NOTAM
A1229

① Eng Fail: Climb on RWY TRACK to minimum safe altitude. Minimum acceleration altitude 4266 ft MSL (1000 ft AAL). TEMPO OBSTACLE! NOTAM A1229/22.

TASS 46 °C	Flaps 5	V1 145	VR 148	V2 152	VFTO 210	OAT 24 °C	Flaps 5	V1 140	VR 143	V2 150	VFTO 210
TORA 12500 ft		N1 90.5 %	EFFRA 4266 ft	Trim N/A		TORA 12500 ft		N1 94.4 %	EFFRA 4266 ft	Trim N/A	

31R



① Eng Fail: Climb on RWY TRACK to minimum safe altitude. Minimum acceleration altitude 4266 ft MSL (1000 ft AAL).

TASS	Flaps	V1	VR	V2	VFTO	OAT	Flaps	V1	VR	V2	VFTO
46 °C	5	145	148	152	210	24 °C	5	140	143	150	210
TORA 12500 ft		N1	EFFRA	Trim		TORA 12500 ft		N1	EFFRA	Trim	
		90.5 %	4266 ft	N/A				94.4 %	4266 ft	N/A	

31R



Procedure
VMC

① Eng Fail: Climb on RWY TRACK to minimum safe altitude. Minimum acceleration altitude 4266 ft MSL (1000 ft AAL). Only VMC depature. Only obstacles within a VMC depature cone included.

TASS	Flaps	V1	VR	V2	VFTO	OAT	Flaps	V1	VR	V2	VFTO
46 °C	5	145	148	152	210	24 °C	5	140	143	150	210
TORA 12500 ft		N1	EFFRA	Trim		TORA 12500 ft		N1	EFFRA	Trim	
		90.5 %	4266 ft	N/A				94.4 %	4266 ft	N/A	

31R



Procedure
VMC
NOTAM
A1229

① Eng Fail: Climb on RWY TRACK to minimum safe altitude. Minimum acceleration altitude 4266 ft MSL (1000 ft AAL). TEMPO OBSTACLE! NOTAM A1229/22. Only VMC depature. Only obstacles within a VMC depature cone included.

TASS	Flaps	V1	VR	V2	VFTO	OAT	Flaps	V1	VR	V2	VFTO
46 °C	5	145	148	152	210	24 °C	5	140	143	150	210
TORA 12500 ft		N1	EFFRA	Trim		TORA 12500 ft		N1	EFFRA	Trim	
		90.5 %	4266 ft	N/A				94.4 %	4266 ft	N/A	

31R



NOTAM
A1229

① Eng Fail: Climb on RWY TRACK to minimum safe altitude. Minimum acceleration altitude 4266 ft MSL (1000 ft AAL). TEMPO OBSTACLE! NOTAM A1229/22.

Landing CONDITION **DRY**



Mehrabad Intl.
TEHRAN

W/V VRB/2 kt
QNH 1015 hPa
OAT 28 °C



Runways	LDA	Still	Wx
11L	10157 ft	49895	49895
11L:SUP5	9173 ft	49895	49895
11R	13258 ft	49895	49895
11T	0 ft	0	0
29L	13258 ft	49895	49895
29L.171	No Go!		
29R	13110 ft	49895	49895
29R:SUP5	11962 ft	49895	49895
29T.SPEC	13110 ft	49895	49895

EASA CAT A Operation using max 60% of LDA.

Approved by

varesh

Jun 04, 2022

Created using Performance Guru2 iOS, 3.5.2 / Flygprestanda AB

Inflight Landing

Selected runway

RCAM6 - Dry
OIII
Mehrabad Intl.
TEHRAN

29R

All runways

AD Elev 3965 ft
LDA 13110 ft
ALM 45500 kg



Appr Flaps 10	Land Flaps 30	All Eng GA Flaps 10	Eng Out GA Flaps 10	VGA 155	VREF 126	Wind 090/4 kt QNH 1017 hPa ALM 45500 kg OAT 31 °C	Mehrabad Intl. TEHRAN		
VGA all eng 155	VGA eng out 155	Eng Out GA grad 5.12 %				Rwy	Wind	MLM	LDA
						11L	4/1 kt	49895 kg	10157 ft
						11L:SUP5	4/1 kt	49895 kg	9173 ft
Distances			Configuration			11R	4/1 kt	49895 kg	13258 ft
Low Friction Runway			LFlaps	30		11T			
			Packs	AUTO		29L	-4/1 kt	49895 kg	13258 ft
LDR		5007 ft	Autoland	NO		29L.171	-4/1 kt	49895 kg	13258 ft
LD		4354 ft / 33%	Speedbrake	AUTO		29R	-4/1 kt	49895 kg	13110 ft
			Anti-ice	OFF		29R:SUP5	-4/1 kt	49895 kg	11962 ft
			Icing	NO		29T.SPEC	-4/1 kt	49895 kg	13110 ft

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EASA CAT A Operation using max 87% of LDA.