

Takeoff

TASS
40 °C

T/O Flaps
5

DRY
OIII
Mehrabad Intl.
TEHRAN

29R

AD Elev 3965 ft
TORA 13110 ft
ATOM 48000 kg



				Distances	
V1	VR	V2	VFTO	TORA	13110 ft
147	151	156	210	TODA	13110 ft
		2d segm		ASDA	13110 ft
		gross		TOD	
Tass	N1	grad	EFFRA	req	10187 ft
40 °C	94.7 %	4.07	5264 ft	Slope	1.250
Trim				Configuration	—
N/A				Flaps	OPT
				Antilce	OFF
				Packs	OFF
				Improved	YES
				PMC	ON

All Runways

Wind 180/8 kt
QNH 1018 hPa
ATOM 48000 kg
OAT 32 °C

Mehrabad Intl.
OIII
TEHRAN

Rwy	Flaps	TASS	V1	VR	V2	TORA	MTOM
11L	5	54 °C	148	158	159	13110 ft	59465 kg
11L:SUP5	5	53 °C	147	156	158	11962 ft	59304 kg
11R	5	54 °C	148	158	159	13258 ft	59496 kg
11T	NO GO!						
29L	5	45 °C	147	151	155	13258 ft	53204 kg
29L.171	5	45 °C	143	147	151	13258 ft	53204 kg
29R	5	40 °C	147	151	156	13110 ft	51434 kg
29R:SUP5	5	40 °C	147	151	156	11962 ft	51434 kg
29T.SPEC	5	40 °C	133	134	140	10814 ft	52102 kg

Takeoff

OAT
32 °C

T/O Flaps
5

DRY
OIII
Mehrabad Intl.
TEHRAN

29R

AD Elev 3965 ft
TORA 13110 ft
ATOM 48000 kg



				Distances	
V1	VR	V2	VFTO	TORA	13110 ft
142	146	153	210	TODA	13110 ft
		2d segm		ASDA	13110 ft
		gross		TOD	
OAT	N1	grad	EFFRA	req	8747 ft
32 °C	96.8 %	4.94	5264 ft	Slope	1.250
Trim				Configuration	—
N/A				Flaps	OPT
				Antilce	OFF
				Packs	OFF
				Improved	YES
				PMC	ON

All Runways

Wind 180/8 kt
QNH 1018 hPa
ATOM 48000 kg
OAT 32 °C

Mehrabad Intl.
OIII
TEHRAN

Rwy	Flaps	V1	VR	V2	TORA	MTOM
11L	5	134	144	151	13110 ft	59465 kg
11L:SUP5	5	134	144	150	11962 ft	59304 kg
11R	5	134	145	152	13258 ft	59496 kg
11T	NO GO!					
29L	5	141	144	151	13258 ft	53204 kg
29L.171	5	138	141	148	13258 ft	53204 kg
29R	5	142	146	153	13110 ft	51434 kg
29R:SUP5	5	142	146	153	11962 ft	51434 kg
29T.SPEC	5	129	129	137	10814 ft	52102 kg

ⓘ Climb STRAIGHT ahead. At D6.0 'TRN' DVOR/DME turn LEFT to TRACK 106 degr M. Intercept and follow R-135 'TRN' DVOR/DME outbound. Climb to minimum safe altitude or as directed by ATC. Minimum acceleration altitude 5264 ft MSL (1299 ft AAL).

F15510001
Varesh Airlines

Tail
EP-VBM

Aircraft Model
B737-500 B2 (20K)

Approved on
Jun 04, 2022

Reland

AD Elev 3965 ft
LDA 13110 ft
ALM 48000 kg



DRY
OIII
Mehrabad Intl.
TEHRAN

29R

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	159	130	159	LDR	Packs	AUTO
								Autoland	NO
VGA eng out	Eng Out GA grad						LD	Speedbrake	AUTO
159	4.21 %							Anti-ice	OFF

Approved by
varesh

Jun 04, 2022

F15510001

Varesh Airlines

Tail
EP-VBM

Aircraft Model
B737-500 B2 (20K)

Approved on
Jun 04, 2022

Takeoff Runways



Mehrabad
Intl.
TEHRAN

CONDITION DRY

W/V 180/8 kt
QNH 1018 hPa
AD Elev 3965 ft

Configuration

Flaps OPT Antilce OFF Packs OFF Improved YES PMC ON

TASS	Flaps	V1	VR	V2	VFTO
54 °C	5	148	158	159	210
TORA 13110 ft	N1	EFFRA	Trim		
	89.2 %	4965 ft	N/A		

OAT	Flaps	V1	VR	V2	VFTO
32 °C	5	134	144	151	210
TORA 13110 ft	N1	EFFRA	Trim		
	96.8 %	4965 ft	N/A		

11L



① Climb STRAIGHT ahead. At D6.0 'TRN' DVOR/DME (or D3.6 'ITHL' ILS/DME) turn RIGHT to TRACK 180 degr M. Intercept and follow R135 'TRN' DVOR/DME outbound. Climb to minimum safe altitude or as directed by ATC. Minimum acceleration altitude 4965 ft MSL (1000 ft AAL).

TASS	Flaps	V1	VR	V2	VFTO
53 °C	5	147	156	158	210
TORA 11962 ft	N1	EFFRA	Trim		
	89.7 %	4965 ft	N/A		

OAT	Flaps	V1	VR	V2	VFTO
32 °C	5	134	144	150	210
TORA 11962 ft	N1	EFFRA	Trim		
	96.8 %	4965 ft	N/A		

11L



NOTAM
SUP5

① Climb STRAIGHT ahead. At D6.0 'TRN' DVOR/DME (or D3.6 'ITHL' ILS/DME) turn RIGHT to TRACK 180 degr M. Intercept and follow R135 'TRN' DVOR/DME outbound. Climb to minimum safe altitude or as directed by ATC. Minimum acceleration altitude 4965 ft MSL (1000 ft AAL). TEMPO RWY SHORT!Ref: SUP 5/22.

TASS	Flaps	V1	VR	V2	VFTO
54 °C	5	148	158	159	210
TORA 13258 ft	N1	EFFRA	Trim		
	89.2 %	4965 ft	N/A		

OAT	Flaps	V1	VR	V2	VFTO
32 °C	5	134	145	152	210
TORA 13258 ft	N1	EFFRA	Trim		
	96.8 %	4965 ft	N/A		

11R



① Climb STRAIGHT ahead. At D6.0 'TRN' D VOR/DME (or D3.6 'ITHL' ILS/DME) turn RIGHT to TRACK 180 degr M. Intercept and follow R135 'TRN' DVOR/DME outbound. Climb to minimum safe altitude or as directed by ATC. Minimum acceleration altitude 4965 ft MSL (1000 ft AAL).

11T



No Go!

① Not for Operational Use, Performance Limitation

Approved by
varesh

Jun 04, 2022

Created using Performance Guru2 iOS, 3.5.2 / Flygprestanda AB

F15510001

Varesh Airlines

Tail
EP-VBMAircraft Model
B737-500 B2 (20K)Approved on
Jun 04, 2022

TASS	Flaps	V1	VR	V2	VFTO	OAT	Flaps	V1	VR	V2	VFTO
45 °C	5	147	151	155	210	32 °C	5	141	144	151	210
TORA 13258 ft		N1	EFFRA	Trim		TORA 13258 ft		N1	EFFRA	Trim	
		93.5 %	4965 ft	N/A				96.8 %	4965 ft	N/A	

29L



① Climb STRAIGHT ahead. At D6.0 'TRN' DVOR/DME turn LEFT to TRACK 106 degr M. Intercept and follow R-135 'TRN' DVOR/DME outbound. Climb to minimum safe altitude or as directed by ATC. Minimum acceleration altitude 4965 ft MSL (1000 ft AAL).

TASS	Flaps	V1	VR	V2	VFTO	OAT	Flaps	V1	VR	V2	VFTO
45 °C	5	143	147	151	210	32 °C	5	138	141	148	210
TORA 13258 ft		N1	EFFRA	Trim		TORA 13258 ft		N1	EFFRA	Trim	
		93.5 %	5264 ft	N/A				96.8 %	5264 ft	N/A	

29L

Procedure
171

① At RWY end (THR 11R or D0.4 'TRN' DVOR/DME) turn LEFT (Max 171 KTAS). Intercept and follow R-255 from 'TRN' DVOR/DME outbound. Continue climb to minimum safe altitude or as directed by ATC. Max wingspan 30.5m. Minimum acceleration altitude 5264 ft MSL (1299 ft AAL).

TASS	Flaps	V1	VR	V2	VFTO	OAT	Flaps	V1	VR	V2	VFTO
40 °C	5	147	151	156	210	32 °C	5	142	146	153	210
TORA 13110 ft		N1	EFFRA	Trim		TORA 13110 ft		N1	EFFRA	Trim	
		94.7 %	5264 ft	N/A				96.8 %	5264 ft	N/A	

29R



① Climb STRAIGHT ahead. At D6.0 'TRN' DVOR/DME turn LEFT to TRACK 106 degr M. Intercept and follow R-135 'TRN' DVOR/DME outbound. Climb to minimum safe altitude or as directed by ATC. Minimum acceleration altitude 5264 ft MSL (1299 ft AAL).

TASS	Flaps	V1	VR	V2	VFTO	OAT	Flaps	V1	VR	V2	VFTO
40 °C	5	147	151	156	210	32 °C	5	142	146	153	210
TORA 11962 ft		N1	EFFRA	Trim		TORA 11962 ft		N1	EFFRA	Trim	
		94.7 %	5264 ft	N/A				96.8 %	5264 ft	N/A	

29R

NOTAM
SUP5

① Climb STRAIGHT ahead. At D6.0 'TRN' DVOR/DME turn LEFT to TRACK 106 degr M. Intercept and follow R-135 'TRN' DVOR/DME outbound. Climb to minimum safe altitude or as directed by ATC. Minimum acceleration altitude 5264 ft MSL (1299 ft AAL). TEMPO RWY SHORT!Ref: SUP 5/22

Approved by

varesh

Jun 04, 2022

Created using Performance Guru2 iOS, 3.5.2 / Flygprestanda AB

F15510001

Varesh Airlines

Tail
EP-VBM

Aircraft Model
B737-500 B2 (20K)

Approved on
Jun 04, 2022

TASS 40 °C	Flaps 5	V1 133	VR 134	V2 140	VFTO 210	OAT 32 °C	Flaps 5	V1 129	VR 129	V2 137	VFTO 210
TORA 10814 ft	N1	EFFRA	Trim			TORA 10814 ft	N1	EFFRA	Trim		
	94.7 %	4965 ft	N/A				96.8 %	4965 ft	N/A		

29T



Procedure
SPEC

① LINEUP AT RUNWAY 29R! MAX 174 KTAS! At 0.7 before 'TRN' VOR/DME turn LEFT to TRACK 106 degr. M. Intercept and follow R-135 'TRN' VOR/DME outbound. Climb to minimum safe altitude or as directed by the ATC. Minimum acceleration altitude 4965 ft MSL (1000 ft AAL). Max 29.0 m wingspan. Obstacle and procedure data approved by Varesh Airlines.

Approved by
varesh

Jun 04, 2022

Created using Performance Guru2 iOS, 3.5.2 / Flygprestanda AB

F15510001

Varesh Airlines

Tail
EP-VBMAircraft Model
B737-500 B2 (20K)Approved on
Jun 04, 2022Landing CONDITION **DRY****OIMM**Shahid_Hashemi
MASHHADW/V 080/8 kt
QNH 1017 hPa
OAT 30 °C

Runways	LDA	Still	Wx
13L	12500 ft	49895	49895
13R	12861 ft	49895	49895
13R:A1229	12861 ft	49895	49895
31L	12861 ft	49895	49895
31L.VMC	No Go!		
31L.VMC:A1229	12861 ft	49895	49895
31L:A1229	12861 ft	49895	49895
31R	12500 ft	49895	49895
31R.VMC	No Go!		
31R.VMC:A1229	12500 ft	49895	49895
31R:A1229	12500 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

F15510001

Varesh Airlines

Tail
EP-VBM

Aircraft Model
B737-500 B2 (20K)

Approved on
Jun 04, 2022

Inflight Landing

Selected runway

RCAM6 - Dry
OIMM
Shahid_Hashemi_Nejad
MASHHAD

13L

All runways

AD Elev 3266 ft
LDA 12500 ft
ALM 49800 kg



Appr Flaps	Land Flaps	All Eng GA Flaps	Eng Out GA Flaps	VGA	VREF
10	30	10	10	162	132
VGA all eng	VGA eng out	Eng Out GA grad			
162	162	3.91 %			

Wind 080/8 kt
QNH 1017 hPa
ALM 49800 kg
OAT 30 °C

Shahid_Hashemi_Nejad
MASHHAD

Distances	Configuration
Low Friction Runway	LFlaps 30
LDR	Packs AUTO
LD	Autoland NO
	Speedbrake AUTO
	Anti-ice OFF
	Icing NO

Rwy	Wind	MLM	LDA
13L	5/6 kt	49895 kg	12500 ft
13R	5/6 kt	49895 kg	12861 ft
13R:A1229	5/6 kt	49895 kg	12861 ft
31L	-5/6 kt	49895 kg	12861 ft
31L.VMC	-5/6 kt	49895 kg	12861 ft
31L.VMC:A1229	-5/6 kt	49895 kg	12861 ft
31L:A1229	-5/6 kt	49895 kg	12861 ft
31R	-5/6 kt	49895 kg	12500 ft
31R.VMC	-5/6 kt	49895 kg	12500 ft
31R.VMC:A1229	-5/6 kt	49895 kg	12500 ft
31R:A1229	-5/6 kt	49895 kg	12500 ft

EASA CAT A Operation using max 87% of LDA.

Approved by
varesh

Jun 04, 2022

Created using Performance Guru2 iOS, 3.5.2 / Flygprestanda AB