

Departure Route Description

Unless otherwise assigned by ATC:

- All **rwys**: Maintain **3000**. Aircraft assigned a turn at takeoff; commence turn at **1100**.
- Rwy **05**: Requires a minimum climb gradient of **360 ft/NM** to **2700**. Depart rwy 05, climb hdg **057°** to **1000**. Climbing LEFT turn hdg **047°** or as assigned. Expect radar vectors to MEMPA (or as assigned) then proceed via depicted route.
- Rwy **06L**: Requires a minimum climb gradient of **400 ft/NM** to **2700**. Depart rwy 06L, climb hdg **057°** to **1000**. Continue climb hdg **057°** or as assigned. Expect radar vectors to MEMPA (or as assigned) then proceed via depicted route.
- Rwy **06R**: Requires a minimum climb gradient of **390 ft/NM** to **2700**. Depart rwy 06R, climb hdg **057°** to **1000**. Continue climb hdg **057°** or as assigned. Expect radar vectors to MEMPA (or as assigned) then proceed via depicted route.
- Rwy **15L**: Requires a minimum climb gradient of **390 ft/NM** to **3000**. Depart rwy 15L, climb hdg **147°** to **1000**. Continue climb hdg **147°** or as assigned. Expect radar vectors to IPSOT (or as assigned) then proceed via depicted route.
- Rwy **15R**: Requires a minimum climb gradient of **380 ft/NM** to **3000**. Depart rwy 15R, climb hdg **147°** to **1000**. Continue climb hdg **147°** or as assigned. Expect radar vectors to IPSOT (or as assigned) then proceed via depicted route.
- Rwy **23**: Depart rwy 23, climb hdg **237°** to **1100**. Climbing RIGHT turn hdg **245°** or as assigned. Expect radar vectors to TULEK (or as assigned) then proceed via depicted route.
- Rwy **24L**: Requires a minimum climb gradient of **270 ft/NM** to **1700**. Depart rwy 24L, climb hdg **237°** to **1000**. Climbing LEFT turn hdg **235°** or as assigned. Expect radar vectors to TULEK (or as assigned) then proceed via depicted route.
- Rwy **24R**: Requires a minimum climb gradient of **260 ft/NM** to **1700**. Depart rwy 24R, climb hdg **237°** to **1000**. Climbing LEFT turn hdg **235°** or as assigned. Expect radar vectors to TULEK (or as assigned) then proceed via depicted route.
- Rwy **33L**: Requires a minimum climb gradient of **250 ft/NM** to **900**. Depart rwy 33L, climb hdg **327°** to **1100**. Climbing RIGHT turn hdg **345°** or as assigned. Expect radar vectors to TULEK (or as assigned) then proceed via depicted route.
- Rwy **33R**: Depart rwy 33R, climb hdg **327°** to **2100**. Climbing RIGHT turn hdg **340°** or as assigned. Expect radar vectors to TULEK (or as assigned) then proceed via depicted route.

DEPARTURE CLIMB RATE V/V (FPM)

GROUND SPEED	90	120	140	160	180	200	250	300
250 FT/NM	380	500	590	670	750	840	1050	1250
260 FT/NM	390	520	610	700	780	870	1090	1300
270 FT/NM	410	540	630	720	810	900	1130	1350
360 FT/NM	540	720	840	960	1080	1200	1500	1800
380 FT/NM	570	760	890	1020	1140	1270	1590	1900
390 FT/NM	590	780	910	1040	1170	1300	1630	1950
400 FT/NM	600	800	940	1070	1200	1340	1670	2000

SLAP TRANSITION: (TULEK4.SLLAP)

HOCKE TRANSITION: (TULEK4.HOCKE)

IKMOK TRANSITION: (TULEK4.IKMOK)

Communication Failure

On recognition of failure 20 minutes or less after take-off and in IFR weather conditions proceed as follows:

1. Select transponder code 7600;
2. Beyond 10 NM from CYYZ proceed directly on course;
3. Do not climb above last assigned altitude for 5 minutes after recognition of failure, then;
4. Climb to flight planned altitude.