DISTANCES IN NAUTICAL MILES STANDARD DEPARTURE CHART -**MANCHESTER** BEARINGS, TRACKS AND RADIALS ARE MAGNETIC **INSTRUMENT (SID) - ICAO POL 5R 4S 1Y 1Z** ALTITUDES AND ELEVATIONS ARE IN FEET 002 00W ACC 135.715 SCOTTISH CONTROL TRANSITION ALTITUDE /AR 0.4°W - 2022 5000 **TWR** 121.705 MANCHESTER DELIVERY AREA MNM ALT (x100) POLE HILL POL 112.10° **3**5 (Ch 58X) 534438N 0020612W Ν 5000 (·) Annual Rate of Change 0.21°E **3**5 5000 POL 5000 WARNING Do not climb above 5000FT until instructed by ATC. POL 4S POL 4000 D12 (4.27%) 5330N 5330N **XUMAT** 532757N 0022823W POL R218.0/D21.3 -POL R179 D8 MCT ROST 2500 (4.8%) MANCHESTER MCT 113.55<sup>th</sup> (Ch 82Y) (5.55% **AVERAGE** TRACK MILEAGE TO POL VOR 532125N 0021544W POL 5R POL 4S POL 1Y POL 1Z 25 (12.33%) WARNING 26 No turns below 757 QNH (500 QFE) **CLIMB GRADIENTS** Critical climb gradients required for obstacle, ATC or Airspace purposes are 5NM Scale 1:350 000 Climb straight ahead at 5.55% or above (See Note 5). At MCT D3 turn right onto track 343° towards XUMAT. Cross MCT D7 at 2500 or above (4.8%). At MCT D8 turn right to intercept POL VOR R218 (038°) to POL VOR. Cross POL D16 at 4000 or above. Cross POL D9 at 5000. Cross POL VOR at 5000. POL 5R RWY 23R† N57, N601, P18, P17/UP17 Northbound and for aircraft leaving controlled airspace. Climb straight ahead at 12.33% or above (See Note 5). At MCT D3.2 turn right onto track 343° towards XUMAT. Cross MCT D7 at 2500 or above (4.8%). At MCT D8 turn right to intercept POL VOR R218 (038°) to POL VOR. Cross POL D16 at 4000 or above. Cross POL D9 at 5000. Cross POL VOR at 5000. POL 1Y RWY 23L N57, N601, P18, P17/UP17 Northbound and for aircraft leaving controlled airspace. Climb straight ahead. At not below **757** ALT (**500** AAL), but not before DER, adjust track onto **MCT VOR** R051 (See Note 5). At **MCT** D7 turn left to intercept **POL VOR** R179 (359°) to **POL VOR**. Cross **POL** D12 at **4000 or above** (4.27%). Cross **POL** D8 at **5000**. Cross **POL VOR** at **5000**. N57, N601, P18, P17/UP17 Northbound and for aircraft POL 4S RWY 05L† leaving controlled airspace. Climb straight ahead on MCT VOR R051 (See Note 5). At MCT D7 turn left to intercept POL VOR R179 (359°) to POL VOR Cross POL D12 at 4000 or above. Cross POL D8 at 5000. Cross POL VOR at 5000. N57, N601, P18, P17/UP17 POL 1Z RWY 05R Northbound and for aircraft leaving controlled airspace. OBSTACLE CLEARANCE - † RWY 23R/RWY 05L: Close in obstacles exist below 100 AAL and are not considered for procedure gradients. **GENERAL INFORMATION** SIDs reflect Noise Preferential Routeings. See EGCC AD 2.21 for Noise Abatement Procedures En-route cruising levels will be allocated after departure by 'Scottish Control'. Do not climb above SID level until cleared by ATC. Callsign for RTF frequency used when instructed after take-off 'Scottish Control'. On first contact advise callsign/SID designator current altitude and cleared altitude. Maximum 250KIAS below FL100 unless otherwise authorised. WARNING: RUNWAY 23L/05L. In the event of a missed approach on runway 23R/05R ATC may instruct aircraft which have departed from runway 23L/05L to make a LEFT turn in order to establish separation. Expect first CPDLC Data Link Authority to be EGPX. CHANGE (2/24): POL VOR RECALIBRATED. RADIALS