DISTANCES IN NAUTICAL MILES STANDARD DEPARTURE CHART -**MANCHESTER** BEARINGS, TRACKS AND RADIALS ARE MAGNETIC **INSTRUMENT (SID) - ICAO** LISTO 2S 2Z ALTITUDES AND ELEVATIONS ARE IN FEET 002 30W 002 10W 002 00W R319 ACC 134,430 SCOTTISH CONTROL TRANSITION ALTITUDE VAR 0.4°W 5000 **TWR** 121.705 MANCHESTER DELIVERY POLE HILL POL 112.10° (Ch 58X) 534438N 0020612W AREA MNM ALT (x100) **3**5 - 2022 N Annual Rate of Change 0.21°E WARNING No turns below 757 QNH (500 QFE) MANCHESTER MCT 113.55° (Ch 82Y) 532125N 0021544W (4.88%) POL 2000 D24 (6.86%) 2000 POL 5320N 5320N (6.86%) R185 М POL 3000 SPEED PROFILE Aircraft Speed Profile 250KIAS until FL100 Jet Traffic MTOW > 35000KG 280-290KIAS FL100-FL260 LISTO 2S 2Z Jet Traffic MTOW < 35000KG All Non-Jet Traffic 210-250KIAS until FL260 Note: Aircraft unable to conform to speed profile must inform ATC before obtaining departure clearance. POL 4000 5NM Scale 1:250 000 5310N 5310N LISTO WARNING 530836N 0021157W HON R337.2/D51.1 POL R185.0/D36.2 Do not climb above 5000FT 5000 until instructed by ATC **AVERAGE** TRACK MILEAGE TO LISTO LISTO 2S 18 HONILEY 18 HON 113.65<sup>D</sup> (Ch 83Y) PEDIG-524448N 0014310W MCT R151.5/p41.6 **CLIMB GRADIENTS** 522124N 0013949W Critical climb gradients required for obstacle, ATC or Airspace purposes are Climb straight ahead at 10.86% or above (See Note 6). At MCT D1.2 turn right onto track 148°. At MCT D2.7 turn right onto POL VOR R185 to LISTO (HON VOR R337 D51). Cross POL D24 at 2000 or above (6.86%). Cross POL D28 at 3000 or above. Cross POL D33 at 4000 or above. Cross LISTO at 5000 (5%). LISTO 2S L612, P18 (L151), L10, Y53 RWY 05Lt Southbound and for aircraft leaving controlled airspace via TNT VOR. Climb straight ahead at 4.88% or above (See Note 6), At MCT D1.2 turn right onto POL VOR R185 to LISTO (HON VOR R337 D51). Cross POL D24 at 2000 or above (6.86%). Cross POL D28 at 3000 or above. Cross POL D33 at 4000 or above Cross LISTO at 5000 (5%). L612, P18 (L151), L10, Y53 Southbound and for aircraft LISTO 27 leaving controlled airspace via **TNT VOR**. OBSTACLE CLEARANCE - † RWY 05L: Close in obstacles exist below 100 AAL and are not considered for procedure gradients SIDs reflect Noise Preferential Routeings. See EGCC AD 2.21 for Noise Abatement Procedures. Cruising levels at FL190 and below will be allocated en-route by 'Scottish Control', cruising levels above FL190 will be allocated en-route by 'London Control'. 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. Aircraft requesting a cruising level FL70 and below will be routed via PEDIG. WARNING: RUNWAY 05L. In the event of a missed approach on runway 05R ATC may instruct aircraft which have departed from runway 05L to make a LEFT turn in order to establish separation. Speed Profile applies to all aircraft following this SID unless cancelled by ATC. Expect first CPDLC Data Link Authority to be EGTT. CHANGE (2/24): POL VOR RECALIBRATED. RADIALS AERO INFO DATE 28 NOV 23 AD 2-EGCC-6-2