

**STANDARD INSTRUMENT DEPARTURES (SID)
RWY 01 CARMN ONE (RNAV)
TOWNSVILLE/TOWNSVILLE INTL, QLD (YBTL)**

24 MAR 2022

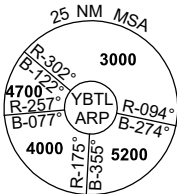
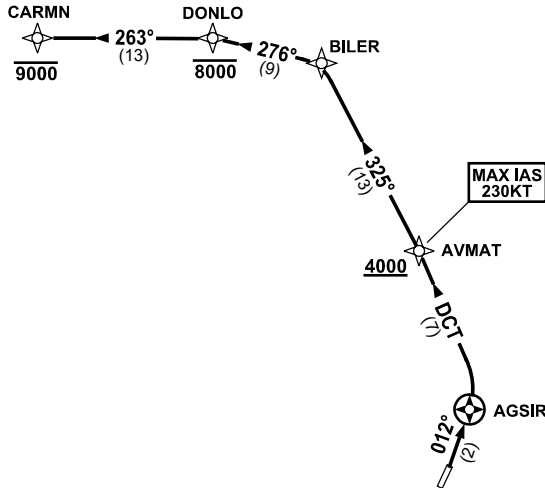
ATIS 114.1 133.5 276	ACD 128.1	SMC 121.8 264.6	TWR 118.3	APP/DEP 126.8	FIA (AH) BN CEN 120.55	CTAF+AFRU (AH) AFRU+PAL (AH) 118.3	AWIS (AH) 133.5	Bearings are Magnetic Elevations in FEET AMSL
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NOT TO SCALE



**SPEED
MAX IAS 250KT
BELOW 10,000ft**

RNP 1



10 NM MSA 3600

CARMN ONE DEPARTURE

RWY 01

GRAD 5.4% to 1000ft then 3.3%
MAX IAS 230KT UNTIL PASSING AVMAT

- Track 012° to AGSIR
- Turn LEFT, track DCT to AVMAT
Cross AVMAT AT or ABV 4000ft
(RQ GRAD to AVMAT: 7.0%)
- Track 325° to BILER
- Turn LEFT, track 276° to DONLO
Cross DONLO AT or BLW 8000ft
- Turn LEFT, track 263° to CARMN
Cross CARMN AT or BLW 9000ft