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Civil Aviation Act 2000 (as amended)

DETERMINATION OF PETITION FOR EXEMPTION FROM THE REQUIREMENT OF RULE OF CIVIL AVIATION RULE 91.405(b) — IFR ALTERNATE AERODROME REQUIREMENT

19/EXE/03

LINK PNG Limited, Port Moresby (Jackson's) International Airport

I, **WILSON SAGATI, OBE**, Director of Civil Aviation, pursuant to my powers under Section 79(1) of the *Civil Aviation Act 2000* (as amended), hereby grant Link PNG Limited, being the holder of Air Operator Certificate Number 119/082, an exemption from the requirement of Civil Aviation Rule Part 91.405(b) on the need for the pilot-in command of an aircraft to list any aerodrome with an instrument approach procedure based on GNSS as an alternate on the IFR flight plan.

The exemption granted to Link PNG is based on acceptance of their extensive risk assessment identifying all key risks and providing mitigators for these risks, that will allow for flights to be planned to an alternate aerodrome using the Minimum Descent Alternate (MDA) applicable for the GNSS approach (where available) rather than the final route segment Lowest Safe Altitude (LSA) plus 500 feet.

The acceptance of the result of the study undertaken by Volpe National Transportation System Centre of USA on GPS Integrity Monitoring in PNG confirming that the GPS RAIM within the Port Moresby Flight Information Region being available at all times, and documentation allowing for the use of GPS for sole means navigation, and that Link PNG Dash-8 aircraft are equipped with dual TSO 145/146 GPS receivers with extended fault detection to include the capability for 'Exclusion', is further basis for the exemption.

This exemption also recognises new and emerging technology changes in the aviation industry and the introduction of the approved revised and new instrument approach landing (IAL) procedures based on GNSS technology in PNG and the replacement of conventional navigational aids.

The exemption is subject to conditions directed by CASA PNG in the interest of aviation safety.

The exemption shall remain in effect until 31st day of December 2020 unless revoked or withdrawn in writing by the Director.

Granted this 11th day of October, 2019.

W. SAGATI, OBE,
Director of Civil Aviation.