

RNAV GNSS approach procedure at BIRATNAGAR AIRPORT (VNVT)

1. INTRODUCTION

- 1.1 The following RNP Approach (RNAV GNSS) Procedure is designed for VNVT in accordance with the criteria as stipulated in the ICAO PANS-OPS (DOC 8168) Vol. II.
- 1.2 The RNAV (GNSS) Instrument Approach Procedure to VNVT is designed to enhance the safety and efficiency of the aircraft operations with an alternative approach procedure to access the airport.
- 1.3 This procedure provides an alternate to the existing VNVT VORDME z RWY 09 approach procedure to the aircraft with the RNP APCH capability
- 1.4 This RNAV GNSS approach procedure along with RNP1 STAR has been designed with LNAV Specifications only and utilizes GNSS as primary navigation system as stipulated in ICAO PBN Manual DOC 9613.
- 1.5 A full arrival, approach and missed approach trajectories have been designed. However, existing conventional holdings-LAUKI and RANGA shall be used for RNP approach and missed approach.

2. APPROVED USERS, EQUIPMENT AND OPERATIONS

- 2.1 For the RNAV (GNSS) Approach Procedure, the operators shall ensure that they hold the all necessary operational approvals from Civil Aviation Authority of Nepal (CAAN).
- 2.2 The aircraft shall be equipped with GNSS as specified in Nepalese Flight Operations Requirements (FOR) and governed by the AIC 001/2011 dated 01 August 201 (ATS Requirements for PBN in Nepalese Airspace)
- 2.3 All necessary navigation system are to installed onboard so as to keep the track keeping accuracy while commencing RNP1, RNP Approach and associated Missed Approach.
- 2.4 Before commencing the procedure, pilot in command must ensure that the navigation database is current and the aircraft's capability of conducting the procedure like GNSS availability, system performance, etc.

3. NAMING OF RNAV (GNSS) APPROACH PROCEDURES

There is one RNP1 STAR and one RNP Approach (RNAV GNSS-LNAV only) procedure to Biratnagar Runway 09 and are named in accordance with the ICAO naming convention as tabulated below.

RWY	STAR	RNP Approach
09	CHURE 1	RNAV (GNSS) RWY09

4. RNP CAPABILITY LOST

If the RNP APCH capability is lost, ATC shall be informed as soon as possible the alternate course of action from the pilots of the concerned aircraft.