**Title**: STATIC ANALYSIS OF ROTODOMED AIRCRAFT

**PART II**: RESULTS FOR VERTICAL GUST LOAD CASE (V_B)

**Author(s)**: S. SRIDHARA MURTHY, S. VISWANATH, GANGAN PRATHAP, SATISH CHANDRA, S. GOPALAKRISHNAN, C. JAYATHEERTHA, MVV. MURTHY

**Division**: STRUCTURAL SCIENCES

**No. of copies**: 10

**External participation**: NAL Project No.

**Sponsor**: ASWACS, BANGALORE

**Sponsor's Project No.**: ST-0-148

**Remarks**:

**Keywords**:

**Abstract**: Static Analysis of Rotodomed Aircraft has been carried out using Automatic Multistage Substructure (AMSS) scheme of CSA/NASTRAN. An assemblage of HS-748 Fuselage, Pylons and Platform (FFD) has been considered in the analysis with four basic load cases. Results are presented for symmetrical vertical gust load case V_B.