## **VTOL Aircraft** Plan Duration Actual Start % Complete (beyond plan) Designing a vertical take-off and landing aircraft process Period Highlight: % Complete Actual ACTUAL ACTUAL PERCENT **ACTIVITIES** PLAN START COMPLETE PERIODS DURATION START DURATION 10 12 14 15 Market and Literature Reasearch 100% **Problem definition and Functional** 100% Requirements **Conceptual Design Research** 100% Airfoil Selection 0% Wing Design and Lift Analysis 0% Tail Design and Stability Analysis 0% Rough Fuselage Design and CFD Analysis 0% for Drag 0% **Motor and Propeller Selection Designation of Motor Positions** 11 0% 11 0% Wing Stress Analysis Tilt Mechanism Design 12 0% **Material Selection** 13 0% **Detailed Design** 13 0% 0%