
TABLE OF CONTENTS (Continued)

<u>Section</u>	<u>Title</u>
5.0	MISSION ANALYSIS APPROACHES FOR PAXSAT SPACECRAFT
5.1	Introduction
5.2	Launch on Demand Scenario
5.2.1	Definition and General Implications
5.2.2	The Rendezvous Problem
5.3	Fly-by Scenario
5.3.1	Geometry
5.3.1.1	Sensor Slewing
5.3.1.2	Values of the Parameters of Interest at the Time of Closest Approach
5.3.1.3	Range from Paxsat to the Target
5.3.1.4	Conditions for Earth Interference in the Line of Sight
5.3.2	Target Visibility Versus Relative Inclination and Phasing Angle
5.4	Fly-by Versus Rendezvous
5.5	Rendezvous Scenario
5.5.1	Geometry
5.5.2	Determining a General Transfer Strategy
5.5.2.1	Direct Injection Transfers
5.5.2.2	Transfers Using an Intermediate Drift Orbit
5.5.2.3	Determining the Optimum Drift Orbit
5.5.2.4	Eccentricity of the Optimum Drift Orbit