

Pilot workload has been reduced and data acquisition accuracy increased when compared to the manual methods used previously. The accuracy of the calculated fuel usage and flight time estimates has been verified repeatedly, leading to increased pilot confidence in data acquisition plans generated by project planning staff.

### ACKNOWLEDGEMENTS

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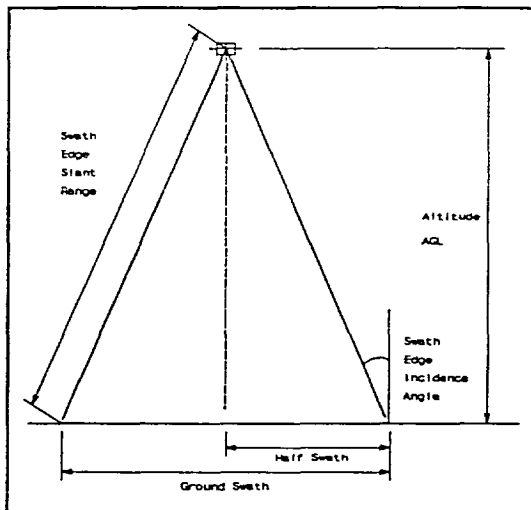


Figure 1 - Nadir Mode Sensor

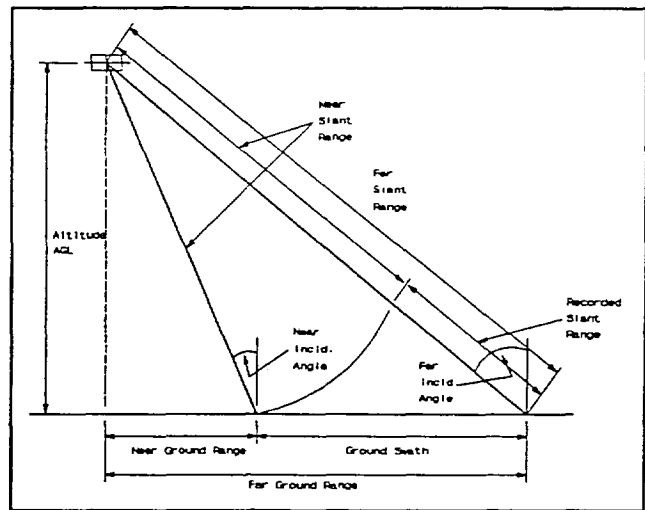


Figure 2 - Single Side-Looking Sensor

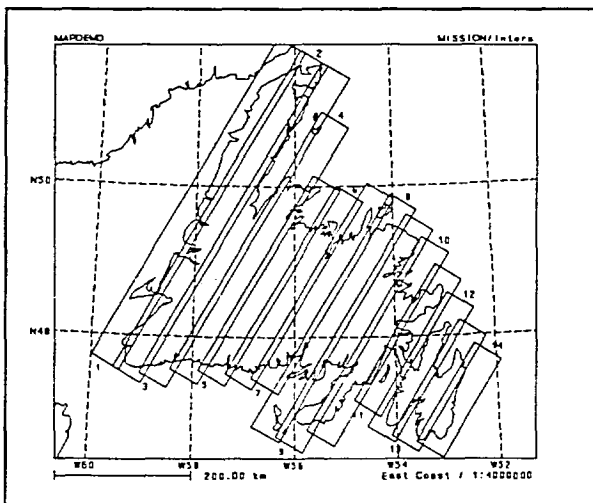


Figure 3 - Mapping Mission Plan

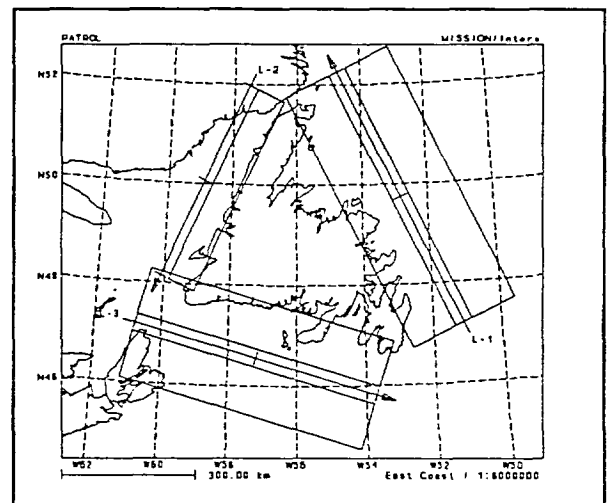


Figure 4 - Patrol Mission Plan