

# Shuttle/ELV Price Comparison

The estimated price to place a 2,750 lb spacecraft into geosynchronous transfer orbit if launched in 1982 is as follows:

	Shuttle (in millions)	Delta (in millions)
Transportation	\$ 8	\$ 30
Upper stage	4-5	3-4
Total estimate*	\$12-13	\$33-34

The above shuttle price is derived using the shuttle introductory period price of \$18 million (in fiscal year 1975 economics) for a dedicated shuttle launch during the 1982-85 timeframe. If the recently established

\$38 million price (in fiscal year 1975 economics) for a 1986-87 launch is used, the equivalent price for a 1982 launch would be:

	Shuttle (in millions)	Delta (in millions)
Transportation	\$ 17	\$ 30
Upper stage	4-5	3-4
Total estimate*	\$21-22	\$33-34

● Costs include payload integration.

SOURCE: Estimates courtesy of Robert V. Lottman, Director, Congressional Liaison Office, National Aeronautics and Space Administration Headquarters.