



**Suborbital Science
Program**

**Catalog Element
Review**

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Catalog Aircraft

FY06 NASA

- DC-8
- WB-57
- ER-2
- P-3

Commercial

- Twin Otter
- J-31
- Caravan
- A-200

Other Government

- DOE B-200
- NRL P-3

FY07 NASA

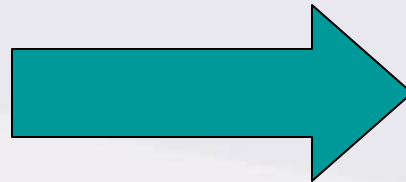
- DC-8
- WB-57
- ER-2
- P-3
- B-200

Commercial

- Twin Otter
- J-31*
- Caravan
- A-200
- + BPA Vendors

Other Government

- DOE B-200
- NRL P-3 & C-12

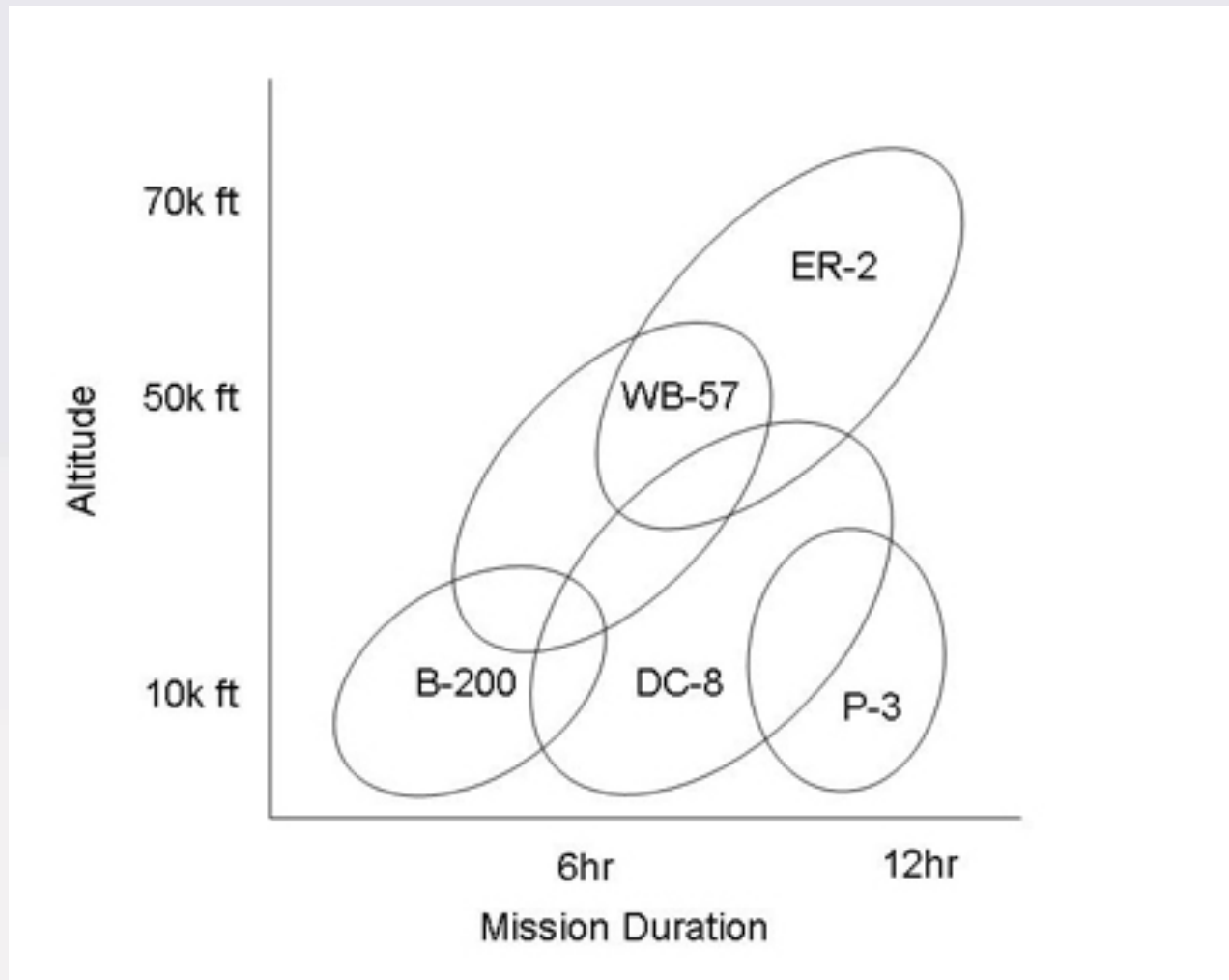


Platforms in **Orange** are/will be subsidized by the Suborbital Science Program.

* J-31 may not be available in FY07

Suborbital Science Program

Notional Flight Envelopes



Suborbital Science Program

Non NASA Aircraft Procurement Mechanisms

In Place

- Subcontracting
 - GSA Airtec (limited to twin turbo props)
 - Ames UARC contract
- Sole Source (e.g., Dynamic Aviation A-200)
- DOE/Ames Inter-Agency Agreement
- LOA with NRL

Pending Award

- Blanket Purchase Agreement



Blanket Purchase Agreement

- RFQ for BPA was released in February
- No contract minimum
- Solicited Platform Categories:
 - Manned: Light
 - Manned: Medium
 - Manned: Heavy
 - UASs
 - Lighter-than-Air
- 13 vendors responded
 - Responses in all categories, except Lighter-than-Air
- Targeted for Award in June
- Tasked on a Mission by Mission Basis



NASA Platforms



DC-8



P-3



WB-57



ER-2

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Commercial Platforms



Twin Otter



Caravan



B-200



Aerosonde

Suborbital Science Program



Catalog Aircraft Rates

<u>Platform</u>		<u>Cost</u>	<u>Flt Hr Rate</u>
NASA			
• DC-8	UND	\$5M+\$300K	\$5K
• WB-57	JSC	\$1M	\$3.4K
• ER-2	DFRC	\$1.5M	\$3.7K
• P-3	GSFC	\$1.5M	\$3K
Commercial			
• Twin Otter/J-31/Caravan/B-200		\$0	\$1K-2.5K
Other Govt			
• DOE B-200/NRL P-3		\$0	\$2.5K-\$8K



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