

# VLBA ACQUISITION MEMO #331

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To: VLBA Data Acquisition Group  
From: A.E.E. Rogers,  
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Subject: Cost estimate for thin tape upgrade

The cost of the parts needed to upgrade a Model 96 for thin tape operation are given in the table below:

| Item            | Manufacturer | Cost (\$) | Quantity | Total (\$)    |
|-----------------|--------------|-----------|----------|---------------|
| Front Door      | Machine Shop | 73.       | 1        | 73.           |
| Vacuum Spacer   | Machine Shop | 220.      | 1        | 220.          |
| I/O Sleeves     | Machine Shop | 18.       | 2        | 36.           |
| Alumina Plates  | Coors        | 60.       | 4        | 240.          |
| Precision Plate | Metrum       | 2,400.    | 1        | 2,400.        |
| Backing Plate   | Metrum       | 324.      | 2        | 648.          |
| I/O Roller      | Metrum       | 280.      | 2        | 560.          |
| Loading Blocks  | Metrum       | 30.       | 2        | 60.           |
| Idler Roller    | Metrum       | 1320.     | 1        | 1,320.        |
| <b>TOTAL</b>    |              |           |          | <b>5,557.</b> |

- Notes: 1] Some transports may already have some of these parts.  
2] Cost estimates for parts made in local machine shops could vary considerably.

The upgrade is to be made according to a revised version of VLBA Acquisition Memo #290 (to be issued in August 1992). Allow at least one day's labor for installation and test. While the details of the upgrade are now fairly firm, the purpose of this memo is for budget planning only.