

12 METER MILLIMETER WAVE TELESCOPE

MEMO No. 152-A

National Radio Astronomy Observatory  
Tucson, Arizona

April 30, 1982

12-M TELESCOPE MEMORANDUM

TO: H. Hvatum

FROM: M. A. Gordon

SUBJECT: Correction to Memorandum 152

Lee King noted that my calculation overlooked a circular blockage from the hub and mathematically blundered in the calculation of the term  $A_1$ . Happily, correction of these errors leads to a reduced aperture blockage. The correct numbers are

Telescope	Power Efficiency	Power Blockage	Calculator
36-ft	0.8565	14.4%	Ulich
12-m	0.9030	9.7%	King

I'm pleased with this level of blockage.

c: L. King