

# **MARKHURD**

**CORPORATION**

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REPLY, REFER TO:

L-5

November 5, 1987

Mr. Lars Tyge Jorgensen  
Topographic Division  
Geodetic Institute of Denmark  
Rigsdagsgarden 7  
DK-1218  
Copenhagen K, Denmark

Dear Lars:

We received your telex of November 4 and wanted to comment quickly on the questions you have raised.

The enclosed sheet is a copy of the ink bottle which indicates the type of ink we use in our numbering machine for aerial film numbering, and is the ink used on your film. When the staining situation was first noticed here, we wondered first if any sort of cleaning or washing process could be used, and whether or not it would erase the numbering we were planning to apply. Rather than merely believe what the ink bottle told us about being "waterproof," we did some test lettering on film, and then proceeded to wash it in a manner we thought might be done by you while attempting to remove the staining.

Our tests showed that under normal film washing conditions, the ink did hold. We did note that the ink could be removed with some degree of scrubbing action. We did not further test the ink after it was applied to your film.

We are sorry this is now a problem for you. We would suggest you consider renumbering the film if whatever wash procedure you decide to try does indeed remove the ink. The numbering machine we use is of Danish manufacture and perhaps you could acquire one.

On the question of the correct version of the calibrated focal length, we always use the latest published version as determined by our government's calibrating agency. In this case, the U. S. Geological Survey report dated January 16, 1985, is the latest calibrated focal length. Whatever version of the CFL happens to appear in the camera is usually the version put there by the manufacturer.

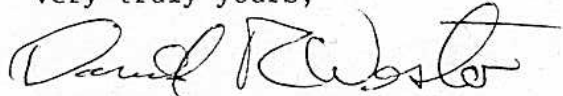
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Another related point of some interest is the fact that the calibrating agency notes on all its reports that "this measurement is considered correct within 0.005 mm."

I hope this information has been of assistance to you, and we wish the best for you and your organization.

Very truly yours,



Donald R. Wester  
Manager, Flight Operations

DRW:PAF

enc.