

OSA - 4045-66.

11 October 1966

25X1A

To:

[Redacted]

Subject: FIRST RUNS WITH HELMET COOLING

Dear Bruce,

The attached graph is self explanatory. It represents our first group of data on the new "refreshing" helmet.

Best regards,

25X1A

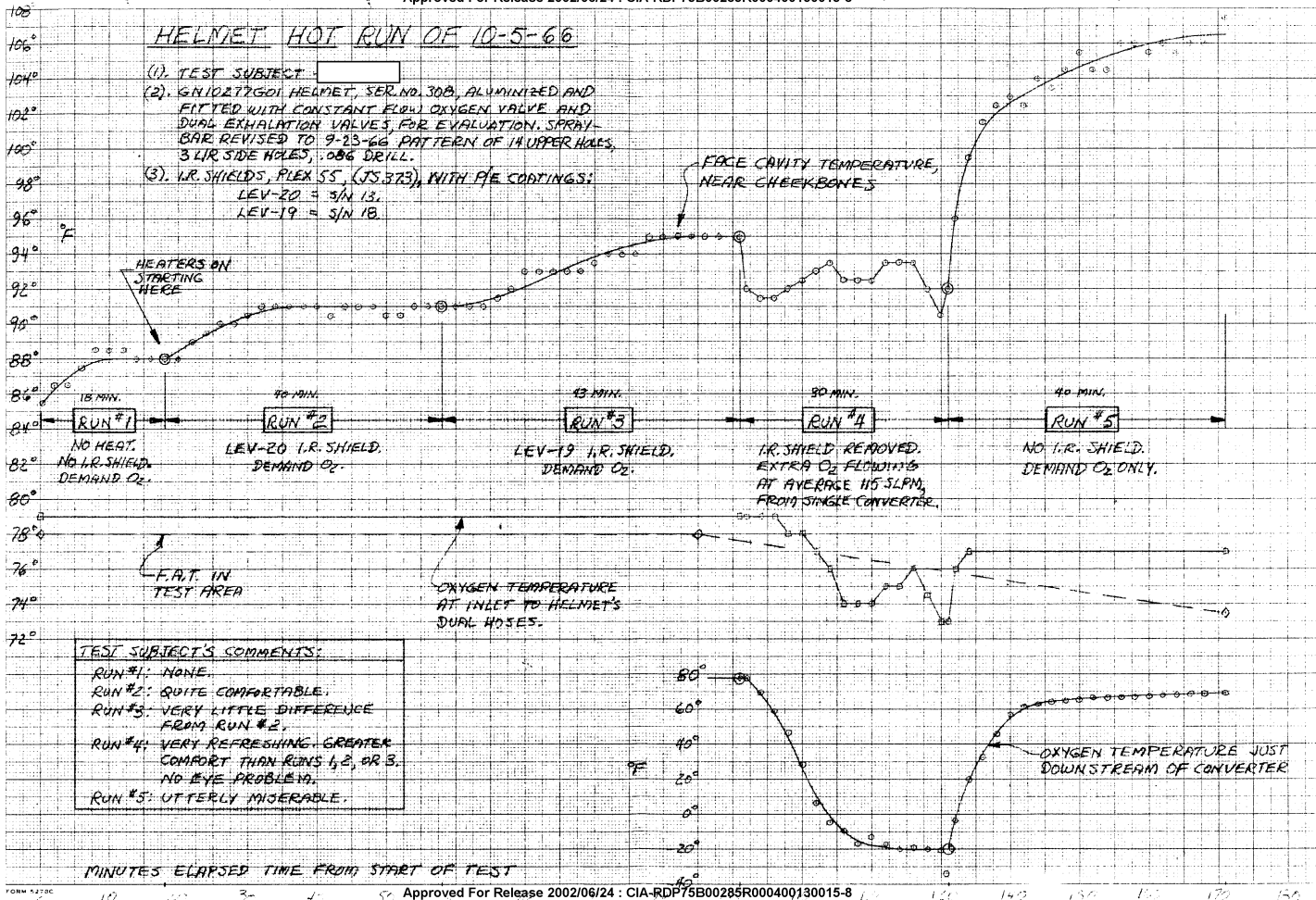
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meb

Attachment

HELMET HOT RUN OF 10-5-66

- (1). TEST SUBJECT []
- (2). GHI0277601 HELMET, SER. NO. 308, ALUMINIZED AND FITTED WITH CONSTANT FLOW OXYGEN VALVE AND DUAL EXHALATION VALVES, FOR EVALUATION. SPRAY BAR REVISED TO 9-23-66 PATTERN OF 14 UPPER HOLES, 3 L/R SIDE HOLES, .086 DRILL.
- (3). I.R. SHIELDS, PLEX 55, (JS 373) WITH PE COATINGS:
LEV-20 = 3/4 IN 13.
LEV-19 = 3/4 IN 18.



TEST SUBJECT'S COMMENTS:
 RUN #1: NONE.
 RUN #2: QUITE COMFORTABLE.
 RUN #3: VERY LITTLE DIFFERENCE FROM RUN #2.
 RUN #4: VERY REFRESHING, GREATER COMFORT THAN RUNS 1, 2, OR 3. NO EYE PROBLEMS.
 RUN #5: UTTERLY MISERABLE.

MINUTES ELAPSED TIME FROM START OF TEST