

QCX
Auro
CF105
P-AD-
78
C.2

22

C-105 ~~CONFIDENTIAL~~ Aero Data/78

~~UNCLASSIFIED~~
N.A.E. LOW SPEED WIND TUNNEL TESTS

VARIATION OF LATERAL DERIVATIVES WITH C

FILE IN VAULT

NRC - CISTI
J. H. PARKIN
BRANCH

MAY 11 1995

ANNEXE
J. H. PARKIN
CNRC - ICIST

UNCLASSIFIED

Classification cancelled/changed to
by authority of (date)
Signature *[Handwritten Signature]* Rank *[Handwritten Rank]*

UNCLASSIFIED



A. V ROE CANADA LIMITED
MALTON - ONTARIO

TECHNICAL DEPARTMENT (Aircraft)

AIRCRAFT CP-105

REPORT NO. P/Aero Data/78

FILE NO

NO OF SHEETS

TITLE

CONFIDENTIAL
UNCLASSIFIED

VARIATION OF LATERAL DERIVATIVES WITH α

PREPARED BY D. B. Garland DATE Sept. 1956

CHECKED BY DATE

SUPERVISED BY DATE

APPROVED BY DATE

ISSUE NO	REVISION NO	REVISED BY	APPROVED BY	DATE	REMARKS



AVRO AIRCRAFT LIMITED
MALTON - ONTARIO

TECHNICAL DEPARTMENT

REPORT NO. P/AERO DATA/78

SHEET NO.

AIRCRAFT

C-105

N.A.E. W/T TESTS

.07 SCALE

PREPARED BY

DATE

CHECKED BY

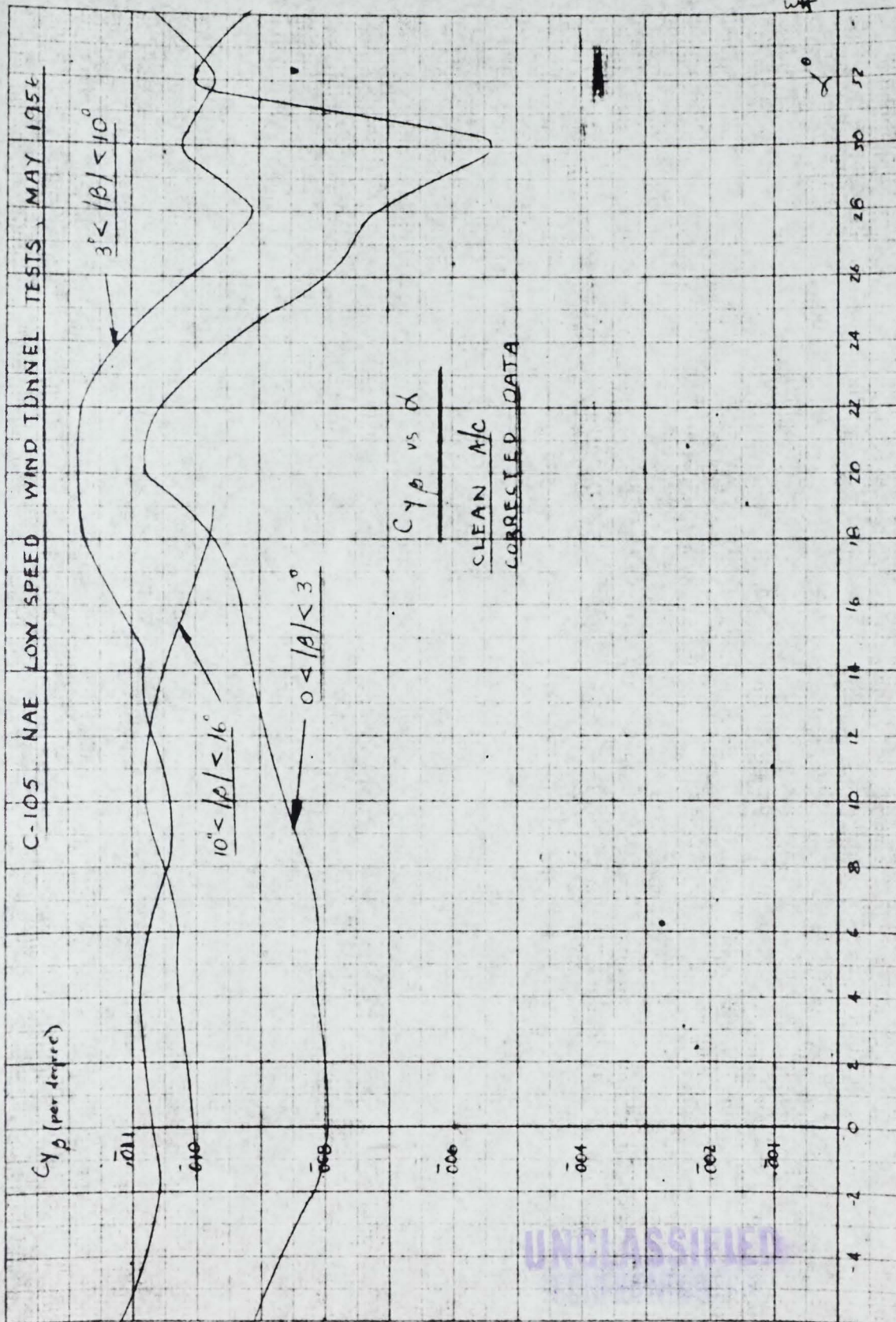
DATE

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DBG

23

C-105 NAE LOW SPEED WIND TUNNEL TESTS, JULY 1956

$C_{Y_{br}}$ (per degree)

$C_{Y_{br}} \propto \alpha$

CLEAN AIRCRAFT
 $\beta = 0^\circ$

0.022

0.020

0.018

0.016

0.014

0.012

0.010

0.008

0.006

0.004

0.002

0

$0^\circ < |\delta_r| < 4^\circ$

$10^\circ < |\delta_r| < 20^\circ$

$20^\circ < |\delta_r| < 30^\circ$

α (DEGS)

32

28

24

20

16

12

8

4

0

DRG SEPT 10th 1956

1/AERO DATA/78

3.4



D 89, SEPT 14' 1952

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3.5

