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GEORGIA INSTITUTE OF TECHNOLOGY <u>PROJECT ADMINIST</u>	OFFICE OF CONTRACT ADMINISTRATION
	X ORIGINAL REVISION NO.
Project No./(Center No.) <u>E-18-605 (R6341-0A0)</u>	GTRCXXXX DATE _7 / 23 / 87
Project Director: Dr. Stephen Antolovich	School Area Mat. Eng.
Sponsor:McDonnell Douglas_Corporation	
×	
Agreement No. : Purchase Order No. Z 71014/ (up	der Gov't Prime F33615-860C-3208)
Award Period: From <u>2/13/87</u> To <u>1/13/8</u>	8-, (Performance) <del>_1/13/88</del> _, Reports
Sponsor Amount: <u>New With This Char</u>	111 1 1/1.5/64
Contract Value: \$ 58,800	
Funded: \$ <u>58,800</u>	
Cost Sharing No./(Center No.) N/A	_ Cost Sharing: \$None
Title:Elevated Temperature Testing	<u> </u>
	<u> </u>
4	ct Brian J. Lindberg x. 4820
1) Sponsor Technical Contact:	2) Sponsor Issuing Office:
/D. M. Harmon	Mr. Ken Schmutzler
McDonnell Aircraft Company	Purchasing Agent-Advanced Design
P. O. Box 516	McDonnell Aircraft Company
Dept. 337, Bldg. 32, Level 3, Post 370	P. O. Box 516
- St.:Louis, MO 63166	Detp. 763, Bldg. 33, Level 5N, Rm. 541
	St. Louis, MO 63166 (314)233-9661
Military Security Classification: N/A	ONR Resident Rep. is ACO: Yes X No
(or) Company/Industrial Proprietary: <u>N/A</u>	Defense Priority Rating: <u>N/A</u>
See Attached Supplement	ntal Information Sheet for Additional Requirements.
Travel: Foreign travel must have prior approval Contact	OCA in each case. Domestic travel requires sponsor
approval where total will exceed greater of \$500 or 1	125% of approved proposal budget category.
Equipment: Title vests withsponsor. (See Gener	al Terms and Conditions Article 10 - A Restrict
MDC Property and FAR Clause 52.245-2).	597324252623
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COMMENTS:	10 1007
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COPIES TO: SP	ONSOR'S I.D. NO. 02.212.000.86.006
	TRI Supply Services GTRC
Research Administrative Network Research Secur Research Property Management Contract Suppo	ity Services Library ort Div.(OCA)(2) 1.11 Project File

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12/88	
GEORGIA INSTITUT OFFICE OF CONTRACT	E OF TECHNOLOGY T ADMINISTRATION
NOTICE OF PROJ	ECT CLOSEOUT
	Date 7/31/89
ject No	Center No. R6341-0A0
1	
ject DirectorS. D. Antolovich	School/Lab Mat. Eng.
McDonnell Douglas Helicopter	
tract/Grant No. 271014	GTRC XX GIT
e Contract No. F33615-86-C-3208	
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e / Elevated Temperature Testing	
eout Actions Required:	
None / Final Invoice or Copy of Last I	
Final Report of Inventions and/	or Subcontracts - Questionnaire sent to P/I
Final Report of Inventions and/ Government Property Inventory & Classified Material Certificate	
Release and Assignment	
Other	and a second
udes Subproject No(s).	
project Under Main Project No	
inues Project No.	Continued by Project No.
•	
ribution:	
Project Director	- X Reports Coordinator (OCA)
Administrative Network	X GTRC
Accounting Procurement/GTRI Supply Services	X Project File 2 Contract Support Division (OCA)
Research Property Management	Other
Research Security Services	

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Demosor Amount:       New With This Change         Contract Value:       \$ _58,800         Funded:       \$ _58,800         ost Sharing No./(Center No.)       N/A         Cost Sharing No./(Center No.)       N/A         DMINISTRATIVE DATA       OCA Contact         Sponsor Technical Contact:	X       ORIGINAL       REVISION NO.        GTRCXONX       DATE _7 / 23 / 87         School和Date       Mat. Eng.         School和Date       7//3/88         Reports       7//3/88         Total to Date       \$ 58,800         \$ 58,800       S 58,800
oject Director: DrStephen Antolovich ponsor:McDonnell Douglas Corporation greement No.: Purchase Order No. Z 71014 (under G ward Period: From13/87 To13/88 ward Period: From13/87 To13/88 ponsor Amount:New With This Change Contract Value: \$58,800 Funded: \$58,800 ost Sharing No./(Center No.)N/A Cost itle:Elevated Temperature Testing DMINISTRATIVE DATAOCA Contact Sponsor Technical Contact: D. M. HarmonM McDonnell Aircraft Company P. O. Box 516 N	School 72975 Mat. Eng. Sov't Prime F33615-860C-3208) (Performance) <u>-1/13/88</u> Reports 7//3/88 Total to Date \$ _58,800 \$ _58,800 (fixed price)
ponsor: <u>McDonnell Douglas Corporation</u> greement No. : <u>Purchase Order No. Z 71014</u> (under G ward Period: From <u>2/13/87</u> To <u>773/788</u> ponsor Amount: <u>New With This Change</u> Contract Value: \$ <u>58,800</u> Funded: \$ <u>58,800</u> ost Sharing No./(Center No.) <u>N/A</u> Cost itle: <u>Elevated Temperature Testing</u> DMINISTRATIVE DATA OCA Contact Sponsor Technical Contact: D. M. Harmon M McDonnell Aircraft Company P. O. Box 516 N	Gov't Prime F33615-860C-3208)        (Performance)      1/13/88       Reports        7/13/88      Reports        \$      58,800
greement No. : Purchase Order No. Z 71014, (under G ward Period: From _2/13/87To	(Performance) <u>-1/13/88</u> Reports 7//3/88 <u>Total to Date</u> \$ 58,800 \$ 58,800 (fixed price)
ward Period: From _2/13/87 To	(Performance) <u>-1/13/88</u> Reports 7//3/88 <u>Total to Date</u> \$ _58,800 \$ _58,800 (fixed price)
Demosor Amount:       New With This Change         Contract Value:       \$ _58,800         Funded:       \$ _58,800         ost Sharing No./(Center No.)       N/A         Cost Sharing No./(Center No.)       N/A         DMINISTRATIVE DATA       OCA Contact         Sponsor Technical Contact:	7//3/88 <u>Tptal to Date</u> \$ _58,800 \$ _58,800 (fixed price)
Contract Value: \$58,800         Funded: \$58,800         ost Sharing No./(Center No.) N/A Cost         itle: Elevated Temperature Testing         DMINISTRATIVE DATA OCA Contact         Sponsor Technical Contact:         D. M. Harmon M         McDonnell Aircraft Company         P. O. Box 516 N	\$ 58,800 \$ 58,800 (fixed price)
Funded: \$ _58,800         ost Sharing No./(Center No.) N/A Cost         itle: Elevated Temperature Testing         DMINISTRATIVE DATA OCA Contact         Sponsor Technical Contact:         D. M. Harmon         McDonnell Aircraft Company         P. O. Box 516	\$ 58,800 (fixed price)
ost Sharing No./(Center No.)       N/A       Cost         itle:       Elevated Temperature Testing         DMINISTRATIVE DATA       OCA Contact         Sponsor Technical Contact:	
Itle:       Elevated Temperature Testing         DMINISTRATIVE DATA       OCA Contact         Sponsor Technical Contact:	Sharing: \$None
Itle:       Elevated Temperature Testing         DMINISTRATIVE DATA       OCA Contact         Sponsor Technical Contact:	
DMINISTRATIVE DATA       OCA Contact         Sponsor Technical Contact:	
Sponsor Technical Contact:         D. M. Harmon       M         McDonnell Aircraft Company       F         P. O. Box 516       M	
Sponsor Technical Contact:         D. M. Harmon       M         McDonnell Aircraft Company       F         P. O. Box 516       M	Price I Lightens y (820
D. M. Harmon McDonnell Aircraft Company F P. O. Box 516 N	Brian J. Lindberg x. 4820 2) Sponsor Issuing Office:
McDonnell Aircraft Company F P. O. Box 516	
P. O. Box 516	Ir. Ken Schmutzler
	Purchasing Agent-Advanced Design
	IcDonnell Aircraft Company
Dept. 337, Bldg. 32, Level 3, Post 370	P. O. Box 516
St.:Louis, MO 63166 I	Detp. 763, Bldg. 33, Level 5N, Rm. 541
	St. Louis, MO 63166 (314)233-9661
	IR Resident Rep. is ACO:YesX fense Priority Rating: $N/A$
ESTRICTIONS	
ee AttachedN/A Supplemental Int	formation Sheet for Additional Requirements.
ravel: Foreign travel must have prior approval — Contact OCA in	n each case. Domestic travel requires sponsor
approval where total will exceed greater of \$500 or 125% c	
quipment: Title vests with sponsor. (See General Te	erms and Conditions Article 10 -
MDC Property and FAR Clause 52.245-2).	the marking
OMMENTS:	
	2
OPIES TO: SPONSC	

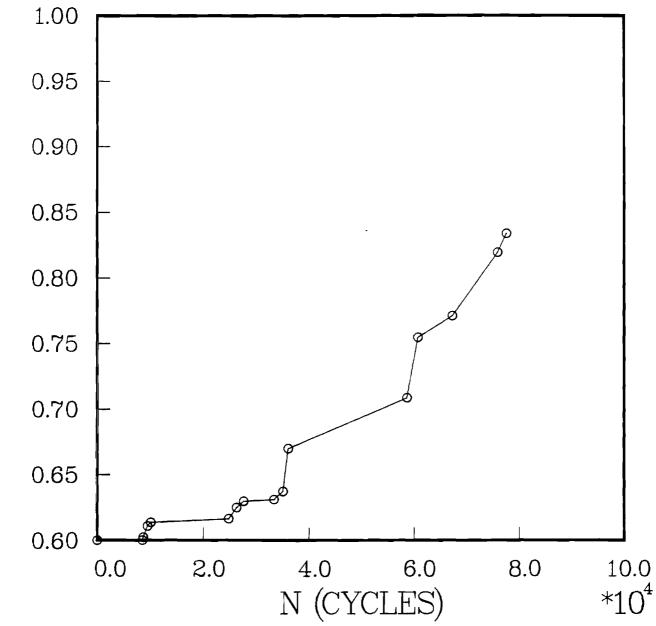
Research Administrative Network Research Property Management

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Procurement/GTRI Supply Services Research Security Services Contract Support Div.(OCA)(2) ? <sup>19</sup> GTRC Library Project File

12/8B	
GEORGIA INSTITUTE OFFICE OF CONTRACT	
NOTICE OF PROJE	CT CLOSEOUT
1	Date 7/31/89
ject No. E-18-605	Center No. R6341-0A0
ject Director <u>S. D. Antolovich</u>	School/Lab Mat. Eng.
nsorMcDonnell Douglas Helicopter	
tract/Grant No. 271014	GTRC XX GIT
me Contract No. F33615-86-C-3208	
leElevated Temperature Testing	
seout Actions Required: None Final Invoice or Copy of Last In	r Subcontracts - Questionnaire sent to P/I Related Certificate
ludes Subproject No(s).	
project Under Main Project No.	
tinues Project No	Continued by Project No
tribution:	
Project Director Administrative Network Accounting Procurement/GTRI Supply Services Research Property Management Research Security Services	X       Reports Coordinator (OCA)         X       GTRC         X       Project File         2       Contract Support Division (OCA)         Other

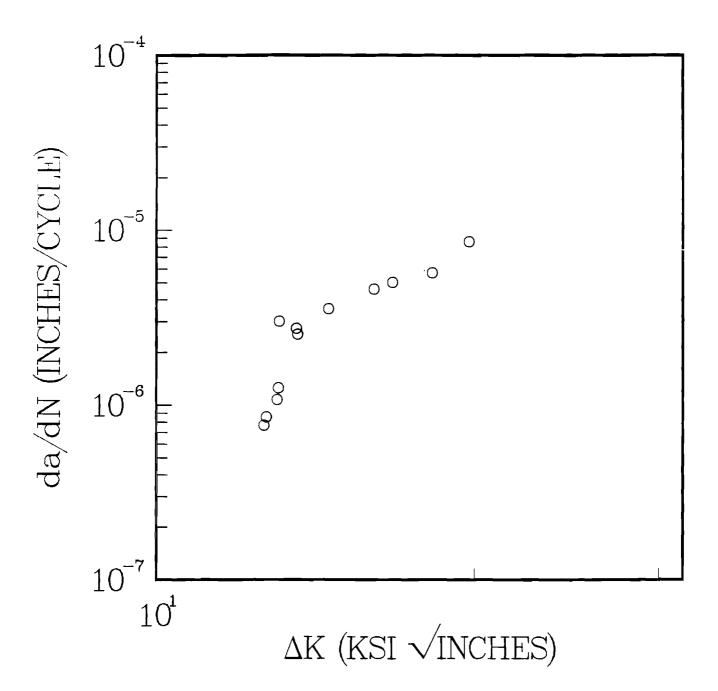
### TI3, 5 HZ, 10 SEC HOLD, 1000 F VACUUM



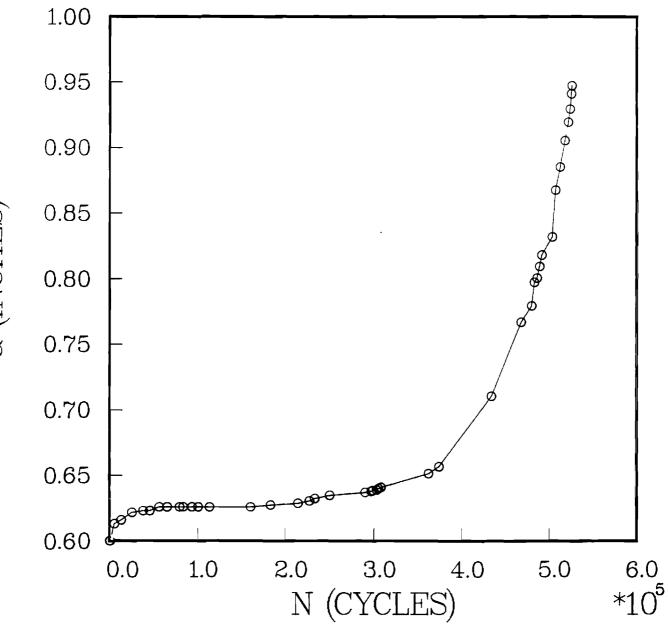
a (INCHES)

# TI3, 5 HZ, 10 SEC HOLD, VACUUM, 1000 F

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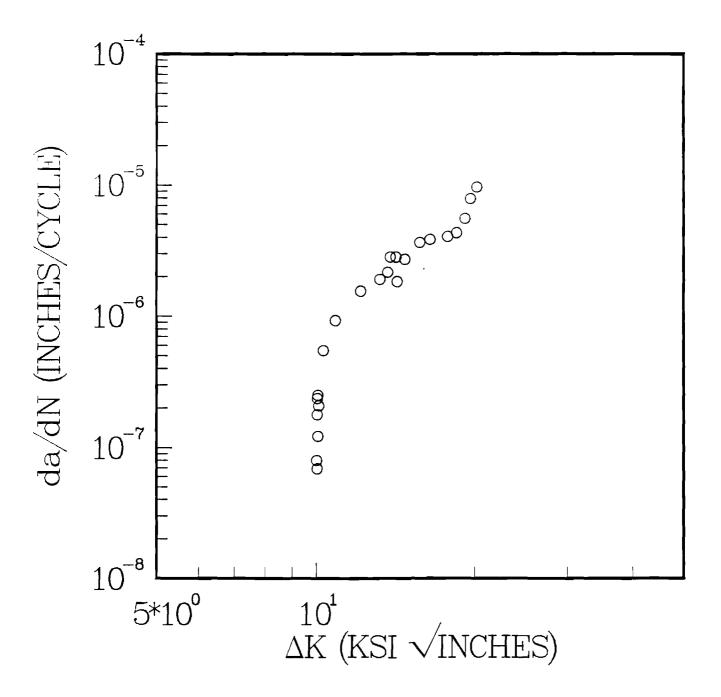
a vs N, TI4 1000 F VACUUM



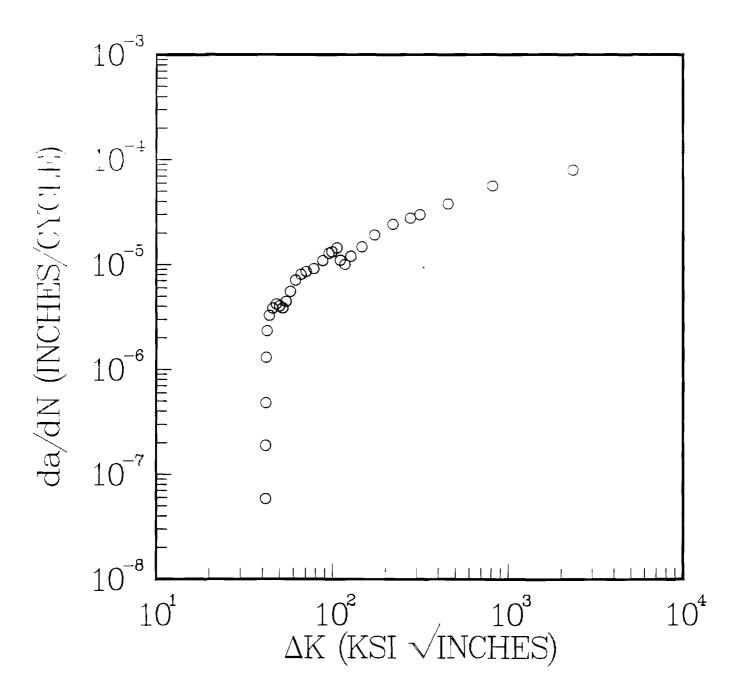
a (INCHES)

#### TI4 $\Delta K$ VS DADN VACUUM, 1000 F

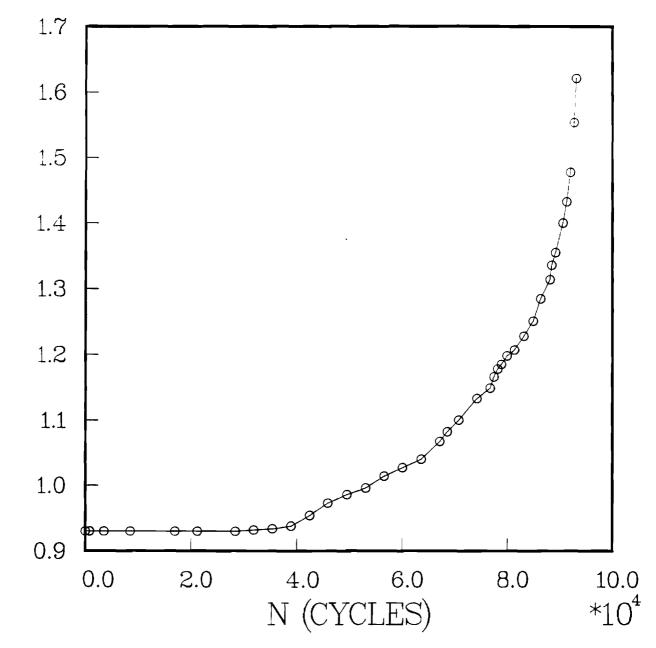
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#### IN6,10 sec hold,VACUUM, 1200 F



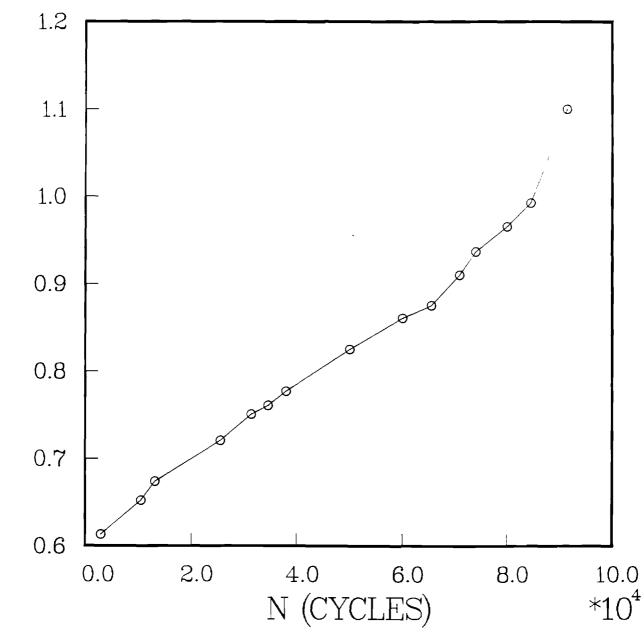
#### IN6 a vs N,10 sec hold,1200 F VACUUM



a (INCHES)

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# IN4 a vs N, 1200 F VACUUM



a (INCHES)

# IN4 $\Delta K$ VS da/dN, VACUUM, 1200 F

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