				UMB	Approval #: 2700-0.4		DA 05 05 PHOSE
AME	NDMENT OF SOLICITAT	ION/MOF	DIFICATION OF CO	NTRACT	1. CONTRACT ID CO	ODE	PAGE OF PAGES
	NDMENT/MODIFICATION NO.		FFECTIVE DATE		ION/PURCHASE REQ.	NO. 5. PI	ROJECT NO. (If applicable)
	1	"	FEB 27 1997	See Block 12 Below.			(ii appacació)
6. ISSU	ED BY C	ODE	FLH BY	7. ADMINISTERED BY (If other than Item 6) CODE			
			, 44,				
No	tional Aeronautics and Sp	saas Adm	inistration	· '			
	ngley Research Center	Jace Aun	iii iisti ation				
Ha	impton, VA 23681-0001						
0 11444	E AND ADDRESS OF CONTRACTO	D /No. otros	A county Chair and Tin One	1	TO AMENDMENTS	E COLICITATIO	
B. NAM	E AND ADDRESS OF CONTRACTO	H (NO., SIFBB	t, county, State, and Zip Cod	(x)	9A. AMENDMENT C	F SOLICITATIO	N NO.
		_					
	eing Commercial Airplane	•		ļ			
Att	tn: Lyn A. Johnson, MS 7	6-67			9B. DATED (SEE IT	EM 11)	
Р.	O. Box 3707						
Se	eattle, WA 98124-2207				10A. MODIFICATIO	N OF CONTRAC	T/ORDER NO.
	,,						
				1	NAS1-9704	ın	
				l x	11/10/1-5704	.0	
				^	10B. DATED (SEE I	TEM 191	
CODE		FACILITY (SONE		1	TEM 13)	
					1/10/97		
	11. THIS	TEM O	NLY APPLIES TO A	MENDME	NTS OF SOLICI	TATIONS	
Т	he above numbered solicitation is am	ended as set	forth in Item 14. The hour a	and date specific	ed for receipt of Offers	is extended	is not extended.
	nust acknowledge receipt of this ame					one of the followi	na methods:
			-		·		
(a) By c	ompleting Items 8 and 15, and returni eparate letter or telegram which inclu	ing col	oles of the amendment; (b) E	ly acknowledgin	g receipt of this amenda	nent on each cop	by of the offer submitted; or
AT THE	PLACE DESIGNATED FOR THE RE	CEIPT OF C	OFFERS PRIOR TO THE HO	UR AND DATE	SPECIFIED MAY RESI	II T IN REJECTI	ON OF YOUR OFFER If by
virtue of	this amendment you desire to chang	e an offer air	eady submitted, such change	e may be made	by telegram or letter, pro	ovided each teleg	gram or letter makes
	e to the solicitation and this amendm			our and date s	pecified.		
	COUNTING AND APPROPRIATION		•				
	R: DF.1297; H2349F; \$60						
			ES ONLY TO MOD				RS,
			CONTRACT/ORD				
(x)	A. THIS CHANGE ORDER IS ISSU	JED PURSUA	NT TO: (Specify authority)	THE CHANGE	S SET FORTH IN ITEM	14 ARE MADE I	N THE CONTRACT ORDER
	NO. IN ITEM 10A.						
Х	B. THE ABOVE NUMBERED CON					6 (such as chang	es in paying office,
	appropriation date, etc.) SET FORT						
	C. THIS SUPPLEMENTAL AGR	EEMENT IS I	ENTERED INTO PURSUAN	T TO AUTHOR	TY OF:		
	D. OTHER (Specify type of modific	ation and au	thority)				
				· · · · · · · · · · · · · · · · · · ·			
	PORTANT: Contractor ⊠is not,				copies to the issuir		
14. DE	SCRIPTION OF AMENDMENT/MODI	IFICATION (C	Organized by UCF section h	eadings, includi	ng solicitation/contract s	ubject matter wh	ere feasible.) *
	ne purpose of this modifica			ed funding l	oy \$60,000. As a	a result of th	is modification,
th	e contract Schedule is rev	rised as fo	ollows:				
			(CONTINUED OF	ATT A C 11	ED DAGE!		
Evcent	as provided herein, all terms and con	ditions of the	(CONTINUED ON			naine unchanged	and in full force and affect
	AME AND TITLE OF SIGNER (Type		Comment refer en foet III Itel		AND TITLE OF CONTRA		
ion. II	THE OF SIGNER (Type	G Pility			HIA K. COWAI		(. ype or print)
					FIIA N. COWAI	А	, i ,
	ONTE A OTO CONTEST OF	-	L	100===	OTATE		1 400 D 177 C 151 177
15B. C	CONTRACTOR/OFFEROR		15C. DATE SIGNED	16B. UNITED	STATES OF AMERICA	/ 1	16C. DATE SIGNED
				BY IM	MHILD KI	(aran	2/27/97
	(Signature of person authorized to s	ign)	Í		Ignature of Contracting		7 213111
			I				

NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE

30-105

STANDARD FORM 30 (Rev. 10-83) Prescribed by GSA FAR (48 CFR) 53.243



In the first sentence of B.3, <u>Contract Funding</u>, the total amount allotted is increased by \$60,000 from \$673,587 to \$733,587. As a consequence, the first sentence of B.3 now reads as follows:

"For purposes of payment of cost, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$733,587."

NASA Contract NAS1-97040 Tabulation Summary

Total Contract Value: \$5,997,941

	Minimum Obligation Cost (B.5)	Funded to-Date	
Basic Contract By this Mod. No. 1 Totals	\$1,000,000 0 \$1,000,000	\$673,587 <u>60,000</u> \$733,587	Tasks 1 & 2 Task 3

Page 2 of 2 NAS1-97040 Modification No. 1

	1	OMB A	pproval #: 2, 042	
AMENDMENT OF SOLICITATION/I	MODIEICATION OF O		1. CONTRACT ID CODE	PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE		ON/PURCHASE REQ. NO.	1 2 5. PROJECT NO. (if applicable
2	MAP 1 9 . 1997		Block 12 Below.	9. FROJECT NO. (II applicable
6. ISSUED BY CODE	EA. 1 0 . 1447	7. ADMINISTI	ERED BY (If other than Item 6)	CODE
L		╡ ````	· (: : : : : : : : : : : : : : : :	
National Aeronautics and Space	Administration			
	Administration			
Langley Research Center				
Hampton, VA 23681-0001				
8. NAME AND ADDRESS OF CONTRACTOR (No.,	etreat county Ctate and 7in C		LOA AMENDMENT OF COUR	NITATION NO
B. NAME AND ADDRESS OF CONTRACTOR (No.,	sireel, county, state, and zip G	ode) (x)	9A. AMENDMENT OF SOLIC	TIATION NO.
Paging Commercial Aimlane Gre	ı.m			
Boeing Commercial Airplane Gro	up		OR DATED (SEE ITEMAN)	
Attn: Lyn A. Johnson, MS 76-67			9B. DATED (SEE ITEM 11)	
P. O. Box 3707				
Seattle, WA 98124-2207			10A. MODIFICATION OF CO	NTRACT/ORDER NO.
		Į	NAS1-97040	
		X		
			10B. DATED (SEE ITEM 13)	
CODE FACI	LITY CODE		1/10/97	
11. THIS ITE	M ONLY APPLIES TO	AMENDME	TS OF SOLICITATIO	NS
The above numbered solicitation is amended	• • • • • • • • • • • • • • • • • • • •			
Offers must acknowledge receipt of this amendment				
Cliers must acknowledge receipt of this amendment	prior to the nour and date speci	ned in the solicitati	on or as amended, by one of the	a following methods:
(a) By completing Items 8 and 15, and returning	copies of the amendment; (b)	By acknowledging	g receipt of this amendment on e	each copy of the offer submitted; or
(c) By separate letter or telegram which includes a reAT THE PLACE DESIGNATED FOR THE RECEIPT	eference to the solicitation and a	mendment numbe	RS. FAILURE OF YOUR ACKNO	DWLEDGEMENT TO BE RECEIVE
virtue of this amendment you desire to change an of	fer aiready submitted, such char	NGE may be made t	ov telegram or letter, provided ea	EJECTION OF YOUR OFFER. IT I sch telegram or letter makes
reference to the solicitation and this amendment, an	d is received prior to the opening	hour and date sp	ecified.	
12. ACCOUNTING AND APPROPRIATION DATA				
PR: DFB.3695; H2321S; \$474,0				
			S OF CONTRACTS/O	
	THE CONTRACT/ORD	DER NO. AS	DESCRIBED IN ITEM	<u> 14. </u>
(x) A. THIS CHANGE ORDER IS ISSUED PU	IRSUANT TO: (Specify authority	y) THE CHANGES	S SET FORTH IN ITEM 14 ARE	MADE IN THE CONTRACT ORDE
X B. THE ABOVE NUMBERED CONTRACT				
B. THE ABOVE NUMBERED CONTRACT appropriation date, etc.) SET FORTH IN IT	/OHUER IS MODIFIED TO REF FM 14. PURSUANT TO THE AL	LECT THE ADMIN	IISTRATIVE CHANGES <i>(such a</i> B 43 103 <i>1</i> 5)	s changes in paying office,
C. THIS SUPPLEMENTAL AGREEMEN			• •	
C. THIS SUPPLEMENTAL AGREEMEN	II IS ENTERED IN TO PURSUA	INT TO AUTHORI	IT UP:	
D. OTHER (Specify type of modification a	nd authority)			
b. O'HEN (openy type of monitorion a	ro adulonty)			
E. IMPORTANT: Contractor ⊠is not, ☐is r	equired to sign this documen	t and return	copies to the issuing office	
14. DESCRIPTION OF AMENDMENT/MODIFICATI				
	((
The purpose of this modification	is to increase the allot	ted funding h	v \$474 000 As a resi	alt of this modification
the contract Schedule is revised		ted luttaing b	y ψ+7+,000. As a lest	it of this modification,
the contract ochedule is revised	as lollows.			
Pursual as assisted discrete with the second	(CONTINUED C	N ATTACHE	D PAGE)	
Except as provided herein, all terms and conditions				
15A. NAME AND TITLE OF SIGNER (Type or print	7		ND TITLE OF CONTRACTING	OFFICER (Type or print)
		PANIC	CE H. CLARK	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED	STATES OF AMERICA	16C. DATE SIGNED
		BY S	August Con	
(Signature of person authorized to sign)			gnature of Contracting Officer)	2/19/97
NSN 7540-01-152-8070	3	0-105		ARD FORM 30 (Rev. 10-83)
PREVIOUS EDITION UNUSABLE	•			ed by GSA

Prescribed by GSA FAR (48 CFR) 53.243

In the first sentence of B.3, <u>Contract Funding</u>, the total amount allotted is increased by \$474,000 from \$733,587 to \$1,207,587. As a consequence, the first sentence of B.3 now reads as follows:

"For purposes of payment of cost, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$1,207,587."

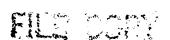
NASA Contract NAS1-97040 Tabulation Summary

	Base Period/ Cost (No Fee)	Funded to-Date	
Basic Contract	\$5,997,941	\$ 673,587	Tasks 1 & 2
Mod. No. 1	0	60,000	Task 3
By this Mod. No. 2	0	474,000	Task 4
Totals	\$5,997,941	\$1,207,587	

				OMB A	pproval #: 2700-0042	
ARACI	NDMENT OF SOLICITATION	JACDIEICATION (OE CO	NTDACT	1. CONTRACT ID CODE	PAGE OF PAGES
	NDMENT OF SOLICITATION NO.	3. EFFECTIVE DATE			ON/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
Z. AME	3	MAP 2 6 1997			Block 12 Below.	3. Thousand
6. ISSU		E MAP / C			RED BY (If other than Item 6)	CODE
		L			,	
N	ational Aeronautics and Spac	e Administration				
	ingley Research Center	e Administration	1			
	ampton, VA 23681-0001					
116	amplon, VA 20001-0001					
B. NAM	E AND ADDRESS OF CONTRACTOR (A	lo., street, county, State, an	d Zip Code	9) (x)	9A. AMENDMENT OF SOLIC	ITATION NO.
	•	• • • • • • • • • • • • • • • • • • • •		, , , , ,		
Bo	peing Commercial Airplane G	roun				
	tn: Lyn A. Johnson, MS 76-6	•			9B. DATED (SEE ITEM 11)	
	O. Box 3707	·•		İ	, i	
	eattle, WA 98124-2207			<u> </u>	10A. MODIFICATION OF CO	NTRACT/ORDER NO.
36	eattle, WA 30124-2207					
					NAS1-97040	
				x	14231-97040	
				^	10B. DATED (SEE ITEM 13)	
CODE	·	CILITY CODE				
CODE			~ ~ ~	145 IDIAE	1/10/97	NO.
	11. THIS IT	EM ONLY APPLIE	SIUA	MENDME	NTS OF SOLICITATIO	NS
(a) By completing Items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified. 12. ACCOUNTING AND APPROPRIATION DATA (If required) PR: DFC.3431; H2321A; \$250,000 (Complete) Task 5 13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.						
(x)	A. THIS CHANGE ORDER IS ISSUED					
	NO. IN ITEM 10A.					
X	B. THE ABOVE NUMBERED CONTRA appropriation date, etc.) SET FORTH IN					s changes in paying office,
	C. THIS SUPPLEMENTAL AGREEM	ENT IS ENTERED INTO P	URSUANT	TO AUTHORI	TY OF:	
	D. OTHER (Specify type of modification	n and authority)	*			
				· · · · · ·		
	PORTANT: Contractor Sis not,				copies to the issuing office	
14. DE	SCRIPTION OF AMENDMENT/MODIFIC	ATION (Organized by UCF	secuon ne	eoings, includin	g solicialion/contract subject ma	atter where leasible.)
	The purpose of this modification is to increase the allotted funding by \$250,000. As a result of this modification, the contract Schedule is revised as follows:					
		/A A L 1991	··			
Except	as provided herein, all terms and condition	CONTINU) ons of the document reference		9A or 10A, as I	heretofore changed, remains und	
15A. N	NAME AND TITLE OF SIGNER (Type or p	rint)			NO TITLE OF CONTRACTING	OFFICER (Type or print)
			ļ	PANIC	CE H. CLARK	
15B (CONTRACTOR/OFFEROR	15C. DATE SIG	NED	16B. UNITED	STATES OF AMERICA	16C, DATE SIGNED
,55, (1 A	r
			[BY	Janua H.	lark of las
	(Signature of person authorized to sign)		1		gnature of Contracting Officer)	13/36/21
NSN 7	540-01-152-8070		30-1	105	STAND	ARD FORM 30 (Rev. 10-83)

NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE

STANDARD FORM 30 (Rev. 10-83) Prescribed by GSA FAR (48 CFR) 53.243



In the first sentence of B.3, <u>Contract Funding</u>, the total amount allotted is increased by \$250,000 from \$1,207,587 to \$1,457,587. As a consequence, the first sentence of B.3 now reads as follows:

"For purposes of payment of cost, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$1,457,587."

NASA Contract NAS1-97040 Tabulation Summary

	Base Period/ Cost (No Fee)	Funded to-Date	
Basic Contract	\$5,997,941	\$ 673,587	Tasks 1 & 2
Mod. No. 1	0	60,000	Task 3
Mod. No. 2	0	474,000	Task 4
By this Mod. No. 3	0	250,000	Task 5
Totals	\$5,997,941	\$1,457,587	

	·	OMB	Approval #: 2700-0042		
AMENDMENT OF SOLICITATION	N/MODIFICATION OF CO	NTRACT	1. CONTRACT ID CODE	PAGE C	F PAGES
2. AMENDMENT/MODIFICATION NO.	3. 50 2 4 997		ION/PURCHASE REQ. NO.	5. PROJECT NO	. (If applicable)
4			Block 12 Below.		
6. ISSUED BY COL	DE L	7. ADMINIST	ERED BY (If other than Item 6)	CODE	
National Aeronautics and Spa	ca Administration				
Langley Research Center	ce Administration	ļ.			
Hampton, VA 23681-0001					
8. NAME AND ADDRESS OF CONTRACTOR	(No., street, county, State, and Zip Co	de) (X)	9A. AMENDMENT OF SOLICI	TATION NO.	
Boeing Commercial Airplane	Group				
Attn: Lyn A. Johnson, MS 76-	•		9B. DATED (SEE ITEM 11)		
P. O. Box 3707	•				
Seattle, WA 98124-2207			10A. MODIFICATION OF COI	NTRACT/ORDER N	0.
			NAS1-97040		
	•	X	10B. DATED (SEE ITEM 13)		
CODE	ACILITY CODE		1/10/97		
11. THIS I	TEM ONLY APPLIES TO	AMENDME		NS	
The above numbered solicitation is amen					ot extended.
Offers must acknowledge receipt of this amend					OT BATH NOO.
(a) By completing Items 8 and 15, and returning			· ·	·	
 (c) By separate letter or telegram which include 	is a reference to the solicitation and ar	nendment numb	ers. FAILURE OF YOUR ACKNO	WI FOREMENT TO	BE RECEIVED
AT THE PLACE DESIGNATED FOR THE REC virtue of this amendment you desire to change	EIPT OF OFFERS PRIOR TO THE H	OUR AND DATE	SPECIFIED MAY RESULT IN RE	JECTION OF YOU	R OFFER. If by
reference to the solicitation and this amendmen	nt, and is received prior to the opening	hour and date s	pecified.	on telegram or letter	makes
12. ACCOUNTING AND APPROPRIATION DA	ATA (If required)				
See Page 2 of 2.	APPLIES ONLY TO MOD	IEIC ATION	IS OF CONTRACTS/OF	DEDE	
	ES THE CONTRACT/ORD				
(x) A. THIS CHANGE ORDER IS ISSUE	D PURSUANT TO: (Specify authority)	THE CHANGE	S SET FORTH IN ITEM 14 ARE N	MADE IN THE CON	TRACT ORDER
NO. IN ITEM 10A.					
X B. THE ABOVE NUMBERED CONTE	PACTIONED IS MODISIED TO DESI	FOT THE ADM	AUSTRATIVE CHANCES (-46
B. THE ABOVE NUMBERED CONTR appropriation date, etc.) SET FORTH	IN ITEM 14, PURSUANT TO THE AU	THORITY OF F	NISTRATIVE CHANGES (<i>such as</i> AR 43.103(b).	s changes in paying	OTTICE,
C. THIS SUPPLEMENTAL AGREE	MENT IS ENTERED INTO PURSUA	NT TO AUTHOR	ITY OF:		
		· · · · · · · · · · · · · · · · · · ·			
D. OTHER (Specify type of modificat	don and authority)				
E. IMPORTANT: Contractor ⊠is not,	is required to sign this document	and return	copies to the issuing office.	<u></u> .	
14. DESCRIPTION OF AMENDMENT/MODIFI	ICATION (Organized by UCF section)	neadings, includi	ng solicitation/contract subject ma	tter where feasible.	,
The purpose of this modificat		ed funding	by \$263,000. As a resu	It of this modi	fication,
the contract Schedule is revis	sed as follows:				
	(CONTINUED O	N ATTACH	ED PAGE)		
Except as provided herein, all terms and condi-	tions of the document referenced in Ite	m 9A or 10A, as	heretofore changed, remains unc		
15A. NAME AND TITLE OF SIGNER (Type or	r print)	1	AND TITLE OF CONTRACTING O	OFFICER (Type or p	rint)
		LAM	THIA K. COWAN		
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UMITE	STATES OF AMERICA	T 16C. D/	ATE SIGNED
		1 / 1,	Allin V/alla	///	21/01
(Signature of person authorized to sign	n)	BY M	() () () () () () () () () ()	<u> </u>	~U/ 1/
NSN 7540-01-152-8070)-105	_ 	ARD FORM 30 (Re	ev. 10-83)
PREVIOUS EDITION UNUSABLE			Prescribe	d by GSA	· · ==,
			FAH (48 0	CFR) 53.243	

FILE CORY

In the first sentence of B.3, <u>Contract Funding</u>, the total amount allotted is increased by \$263,000 from \$1,457,587 to \$1,720,587. As a consequence, the first sentence of B.3 now reads as follows:

"For purposes of payment of cost, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$1,720,587."

NASA Contract NAS1-97040 Tabulation Summary

	Base Period/		
	Cost (No Fee)	Funded to-Date	
Basic Contract	\$5,997,941	\$ 673,587	Tasks 1 & 2
Mod. No. 1	0	60,000	Task 3
Mod. No. 2	0	474,000	Task 4
Mod. No. 3	0	250,000	Task 5
By this Mod. No. 4	0	263,000	Tasks 2 & 6
Totals	\$5,997,941	\$1,720,587	

BLOCK 12. ACCOUNTING AND APPROPRIATION DATA

PR:

DFC.3469; H2313A; \$166,000 (Complete) Task 6

PR:

DFM.1192; R22187; _\$97,000 (Complete) Task 2

Total Obligation this Mod. No. 4: \$263,000

		OMB A	pproval #: 2 0042	
AMENDMENT OF SOLICITATION			1. CONTRACT ID CODE	PAGE OF PAGES 1 2
2. AMENDMENT/MODIFICATION NO. 5	3. EFFECTIVE DATE OCT 3 1997		ON/PURCHASE REQ. NO. Block 12 Below.	5. PROJECT NO. (If applicable)
6. ISSUED BY CODE			RED BY (If other than Item 6)	CODE
National Aeronautics and Space Langley Research Center Hampton, VA 23681-0001	Administration			
8. NAME AND ADDRESS OF CONTRACTOR (No.	., street, ∞unty, State, and Zip Co	de) (x)	9A. AMENDMENT OF SOLIC	DITATION NO.
Boeing Commercial Airplane	•	:	9B. DATED (SEE ITEM 11)	
Attn: Lyn A. Johnson, MS 76 P. O. Box 3707)-b/		OB. BATEB (OLE TILM TI)	
Seattle, WA 98124-2207			10A. MODIFICATION OF CO	ONTRACT/ORDER NO.
30ddio, 1171 3012 1 2207				
		X	NAS1-97040	
			10B. DATED (SEE ITEM 13)	
	ILITY CODE		1/10/97	
	M ONLY APPLIES TO			
The above numbered solicitation is amended Offers must acknowledge receipt of this amendment		•	•	extended, is not extended. e following methods:
(a) By completing Items 8 and 15, and returning (c) By separate letter or telegram which includes a AT THE PLACE DESIGNATED FOR THE RECEIF virtue of this amendment you desire to change an reference to the solicitation and this amendment, a 12. ACCOUNTING AND APPROPRIATION DATA	reference to the solicitation and an TOF OFFERS PRIOR TO THE HO offer already submitted, such chang and is received prior to the opening	nendment number DUR AND DATE S Ie may be made b	s. FAILURE OF YOUR ACKNO SPECIFIED MAY RESULT IN R by telegram or letter, provided ea	EJECTION OF YOUR OFFER. If by
See Page 2 of 2.	DDI IEO ONI VITO MOD	IEIO A TIONIO	OF CONTRACTOR	DDCDO
	PPLIES ONLY TO MOD THE CONTRACT/ORD			
(X) A. THIS CHANGE ORDER IS ISSUED F				
B. THE ABOVE NUMBERED CONTRAC appropriation date, etc.) SET FORTH IN C. THIS SUPPLEMENTAL AGREEME	ITEM 14, PURSUANT TO THE AU	THORITY OF FA	R 43.103(b).	ns changes in paying office,
D. OTHER (Specify type of modification	and authority)			
E. IMPORTANT: Contractor ☑is not, ☐is 14. DESCRIPTION OF AMENDMENT/MODIFICA			copies to the issuing office	
The purpose of this modifica modification, the contract Sc	tion is to increase the	allotted fun	,	•
Except as provided herein, all terms and condition		m 9A or 10A, as h	neretofore changed, remains un	
15A. NAME AND TITLE OF SIGNER (Type or pri	<u></u>		ND TITLE OF CONTRACTING	OFFICER (Type or print)
o en		PANIC	CE H. CLARK	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED	STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign) NSN 7540-01-152-8070		(Sig	gnature of Contracting Officer)	10 3 97
11011 / 04070 IT 13270U/V	30	- LUD	CINNU	ARD FORM 30 (Pay) 10-83)

STANDARD FORM 30 (Rev. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

In the first sentence of B.3, <u>Contract Funding</u>, the total amount allotted is increased by \$54,500 from \$1,720,587 to \$1,775,087. As a consequence, the first sentence of B.3 now reads as follows:

"For purposes of payment of cost, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$1,775,087."

NASA Contract NAS1-97040 Tabulation Summary

	Base Period/ Cost (No Fee)	Funded to-Date	Applic. Task(s)
Basic Contract	\$5,997,941	\$ 673,587	Tasks 1 & 2
Mod. No. 1	0	60,000	Task 3
Mod. No. 2	0	474,000	Task 4
Mod. No. 3	0	250,000	Task 5
Mod. No. 4	0	263,000	Tasks 2 & 6
By this Mod. No. 5	0	54,500	Tasks 7 & 8
Totals	\$5,997,941	\$1,775,087	

BLOCK 12. ACCOUNTING AND APPROPRIATION DATA

PR:

DF.1309; H2342S; \$39,500 (Complete) Task 7

PR:

DF.1310; R22749; \$15,000 (Complete) Task 8

Total Obligation this Mod. No. 5: \$54,500

		OMB A	pproval #: 2/			
AMENDMENT OF SOLICITATION			1. CONTRACT ID CODE	P/ 1	AGE OF PA	AGES 2
2. AMENDMENT/MODIFICATION NO.	DEC 1 1997	_	ON/PURCHASE REQ. NO. Block 12 Below.	5. PROJEC	T NO. (If a	pplicable)
6. ISSUED BY CODE			RED BY (If other than Item 6)	CODE	Γ	
National Aeronautics and Space A Lanlgey Research Center Hampton, VA 23681-0001		, , , , , ,				
8. NAME AND ADDRESS OF CONTRACTOR (N	o., street, county, State, and Zip Coo	(x)	9A. AMENDMENT OF SOLICI	TATION NO.		
Boeing Commercial Airpla Attn: Lyn A. Johnson, MS P. O. Box 3707			9B. DATED (SEE ITEM 11)			
Seattle, WA 98124-2207			10A. MODIFICATION OF CO	NTRACT/ORD	ER NO.	
		x	NAS1-97040 			
			10B. DATED (SEE ITEM 13)			
	CILITY CODE		1/10/97			
11. THIS IT	EM ONLY APPLIES TO			NS	·	
(a) By completing items 8 and 15, and returningcopies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified. 12. ACCOUNTING AND APPROPRIATION DATA (If required) See Page 2 of 2. 13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.						
A. THIS CHANGE ORDER IS ISSUED F NO. IN ITEM 10A.	- CHSUANT TO. (Specify authority)	THE CHANGES	SET FORTH IN ITEM 14 AHE N	MADE IN THE	CONTHAC	ORDER
B. THE ABOVE NUMBERED CONTRAC appropriation date, etc.) SET FORTH IN	ITEM 14, PURSUANT TO THE AU	THORITY OF FAI	R 43.103(b).	changes in p	aying office	١,
C. THIS SUPPLEMENTAL AGREEMEN		TO AUTHORITY	OF:			
D. OTHER (Specify type of modification	··			·		
E. IMPORTANT: Contractor Sis not, Sis	required to sign this document	and return	copies to the issuing office	0.	albia I	
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) The purpose of this modification is to increase the allotted funding by \$1,370,000. As a result of this modification, the contract Schedule is revised as follows:						
Except as provided herein, all terms and condition	CONTINUED ON is of the document referenced in Iter	I ATTACH	ED PAGE)	ni bne bannar	full force o	ind effect
15A. NAME AND TITLE OF SIGNER (Type or pri		16A. NAME AI	ND TITLE OF CONTRACTING O			0.1001.
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED		STATES OF AMERICA	1	C. DATE S	IGNED
(Signature of person authorized to sign)		BY Sign	nature of Contracting Officer)	<u>arri</u>	12/1	97
NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE	30-	105		RD FORM 3	30 (Rev. 10	0-83)

STANDARD FORM 30 (Rev. 10-83) Prescribed by GSA FAR (48 CFR) 53.243

FILE COPY

In the first sentence of B.3, <u>Contract Funding</u>, the total amount allotted is increased by \$1,370,000 from \$1,775,087 to \$3,145,087. As a consequence, the first sentence of B.3 now reads as follows:

"For purposes of payment of cost, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$3,145,087."

* * * * * * * * * * * * *

NASA Contract NAS1-97040 Tabulation Summary

	Base Period/ Cost (No Fee)	Funded to-Date	Applic. Task(s)
Basic Contract	\$5,997,941	\$ 673,587	Tasks 1 & 2
Mod. No. 1	0	60,000	Task 3
Mod. No. 2	0	474,000	Task 4
Mod. No. 3	0	250,000	Task 5
Mod. No. 4	0	263,000	Tasks 2 & 6
Mod. No. 5	0	54,500	Tasks 7 & 8
By this Mod. No. 6	0	<u>1,370,000</u>	Tasks 1,2,4,5,6 & 8
Totals	\$5,997,941	\$3,145,087	

			CIAID	1. CONTRACT ID CODE	DA	GE OF PAGES
AMF	NDMENT OF SOLICITATION/	MODIFICATION OF CO	NTRACT	1. CONTRACT ID CODE	1	2
	NDMENT/MODIFICATION NO.	3. EFFECTIVE DATE		ION/PURCHASE REQ. NO.	5 PROJECT	NO. (If applicable)
2. AME	7	FEB 1 2 1998		Block 12 Below.	J. FROSECT	NO. (II applicable)
0 1001		FEB 1 Z 1990	<u> </u>	ERED BY (If other than Item 6)	CODE	
6. ISSL	JED BY CODE		7. ADMINIST	EKED BY (II Other triali itelii o)		
	ational Aeronautics and Space Ad	ministration	1			
La	nlgey Research Center		1			
Ha	ampton, VA 23681-0001					
8. NAM	IE AND ADDRESS OF CONTRACTOR (No.	, street, county, State, and Zip Coo	(x)	9A. AMENDMENT OF SOLIC	ITATION NO.	
R	oeing Commercial Airplan	e Group				
	·	=		9B. DATED (SEE ITEM 11)		
Α	ttn: Lyn A. Johnson, MS 7	6-67		55. DATES (5227/2/117)		
Р	. O. Box 3707					
-	eattle, WA 98124-2207			10A. MODIFICATION OF CO	NTRACT/ORDE	R NO.
3	ealle, VVA 30124-2201			NAC4 07040		
				NAS1-97040		
			X			
				10B. DATED (SEE ITEM 13)		
	LEAC	LITY CODE		1/10/07		
CODE	1			1/10/97		
	11. THIS ITE	M ONLY APPLIES TO A	AMENDME	NTS OF SOLICITATION	NS	
	he above numbered solicitation is amended	as set forth in Item 14. The hour a	and date specifie	ed for receipt of Offers is e	extended.	is not extended.
Offers	must acknowledge receipt of this amendmen	t prior to the hour and date specific	ed in the solicitat	tion or as amended, by one of the	e following meth	
	- '					
(a) By (completing Items 8 and 15, and returning separate letter or telegram which includes a	copies of the amendment; (b) E	By acknowledgin	g receipt of this amendment on e	each copy of the	offer submitted; or
(c) By s	separate letter or telegram which includes a E PLACE DESIGNATED FOR THE RECEIP	reference to the solicitation and am T OF OFFERS PRIOR TO THE HO	OUR AND DATE	SPECIFIED MAY RESULT IN R	EJECTION OF	YOUR OFFER. If by
virtue o	f this amendment you desire to change an o	fer already submitted, such change	e may be made	by telegram or letter, provided ea	ich telegram or l	etter makes
referen	ce to the solicitation and this amendment, a	nd is received prior to the opening h	nour and date sp	pecified.		
	COUNTING AND APPROPRIATION DATA		l · 7 /D -	A		
P	R: DFB.3801; H2342S; \$5	51,500 (Complete) 1	ask / (Re	3V)		
		PPLIES ONLY TO MOD				
	IT MODIFIES	THE CONTRACT/ORD	<u>ER NO. AS</u>	DESCRIBED IN ITEM	1 14.	
(x)	A. THIS CHANGE ORDER IS ISSUED PL	JRSUANT TO: (Specify authority)	THE CHANGE	S SET FORTH IN ITEM 14 ARE	MADE IN THE C	CONTRACT ORDER
	NO. IN ITEM 10A.					
Χ	B. THE ABOVE NUMBERED CONTRAC	T/ORDER IS MODIFIED TO REFLI	ECT THE ADMII	NISTRATIVE CHANGES (such a	is changes in pa	ying office,
	appropriation date, etc.) SET FORTH IN I					
	C. THIS SUPPLEMENTAL AGREEMENT	IS ENTERED INTO PURSUANT	TO AUTHORITY	OF:		
	D. OTHER (Specify type of modification a	and authority)				
E. IM	PORTANT: Contractor ⊠is not, ☐ is SCRIPTION OF AMENDMENT/MODIFICAT	required to sign this document	and return	copies to the issuing offi	CE.	ible)
14. DE	SCRIPTION OF AMENDMENT/MODIFICAT	ION (Organized by UCF Section N	eaungs, includii	ny sononauonvoonuact subject me na la		rocult of
	he purpose of this modific				ouu. As a	result of
	nis modification, the contra					
-	,					
		(CONTINUED ON	I ATTACH	HED PAGE)		
Except	as provided herein, all terms and conditions	of the document referenced in iter	n 9A or 10A, as	heretofore changed, remains und	changed and in t	full force and effect.
	NAME AND TITLE OF SIGNER (Type or prin		16A. NAME A	AND TITLE OF CONTRACTING	OFFICER (Type	or print)
			DAR	₽ENE BAXTER		t .
15B. (CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED	STATES OF AMERICA, 1	166	C. DATE SIGNED
	•		//	- 10 1 to 1	Ì	. .
			BY 1	wight		1-1768
	(Signature of person authorized to sign)		<u> </u>	ignature of Contracting Officer)		100000
	540-01-152-8070 OUS EDITION UNUSABLE	30-	105		ARD FORM 30 ed by GSA	u (Rev. 10-83)
FREV	COS EDITION UNUSABLE				CFR) 53.243	
					,	

FILE COPY

In the first sentence of B.3, <u>Contract Funding</u>, the total amount allotted is increased by \$51,500 from \$3,145,087 to \$3,196,587. As a consequence, the first sentence of B.3 now reads as follows:

"For purposes of payment of cost, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$3,196,587."

NASA Contract NAS1-97040 Tabulation Summary

	Base Period/ Cost (No Fee)	Funded to-Date	Applic. Task(s)
Basic Contract	\$5,997,941	\$ 673,587	Tasks 1 & 2
Mod. No. 1	0	60,000	Task 3
Mod. No. 2	0	474,000	Task 4
Mod. No. 3	0	250,000	Task 5
Mod. No. 4	0	263,000	Tasks 2 & 6
Mod. No. 5	0	54,500	Tasks 7 & 8
Mod. No. 6	0	1,370,000	Tasks 1,2,4,5,6 & 8
By this Mod. No. 7	0	51,500	Task 7
Totals	\$5,997,941	\$3,196,587	

	OMB Approval #: 2700-0042								
	NDMENT OF SOLICITATI					1. CONTRACT ID CODE	1		PAGES 2
2. AME	NDMENT/MODIFICATION NO.	1	FFECTIVE DATE			•	5. PROJEC	T NO.	(If applicable)
0 1001	8	ODE	MAR 1 9 1998			RED BY (If other than Item 6)	CODE	 	
La	ational Aeronautics and Space nlgey Research Center ampton, VA 23681-0001		stration	7. ADMINIS	315	RED 61 (II ould man ken e)	CODE		
8. NAM	E AND ADDRESS OF CONTRACTO	R (No., stree	et, county, State, and Zip Coo	l (2	9	9A. AMENDMENT OF SOLICITA	ATION NO.		
Af P.	peing Commercial Airp ttn: Lyn A. Johnson, M O. Box 3707	IS 76-6	-			9B. DATED (SEE ITEM 11) 10A. MODIFICATION OF CONT	'RACT/ORI	OFR NO	
ς S _θ	eattle, WA 98124-220	1							•
,						NAS1-97040			
				(K	100 DATED (055 ITEM 40)			
						10B. DATED (SEE ITEM 13)			
CODE		FACILITY				1/10/97			
	11. THIS	ITEM C	NLY APPLIES TO	MENDM	ΕN	ITS OF SOLICITATION	<u>s</u>	-	
(a) By completing Items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified. 12. ACCOUNTING AND APPROPRIATION DATA (It required) PR: DF.1335; R22187; \$200,000 (Complete) Task 2 (Rev) 13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14. (x) A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A. X B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:									
	D. OTHER (Specify type of modific								
14. DE	PORTANT: Contractor Sis not, SCRIPTION OF AMENDMENT/MODIFIED TO THE PURPOSE OF this monis modification, the contraction of the	dification dification	Organized by UCF section has no increase	eadings, inclu the allot	tte	d funding by \$200,0	er where fea		esult of
	as provided herein, all terms and con IAME AND TITLE OF SIGNER (Туре	ditions of th	CONTINUED ON e document referenced in Item	n 9A or 10A, 16A. NAMI	as h E Al		anged and i	n full for De <i>or pri</i>	ce and effect.
15B. C	CONTRACTOR/OFFEROR		15C. DATE SIGNED	16B. UNIT	ED	STATES OF AMERICA	1	6C. DA	TE SIGNED
				BY					
	(Signature of person authorized to s	ign)			(Siç	nature of Contracting Officer)			
_	540-01-152-8070 OUS EDITION LINUSARI E		30	105		STANDAR Prescribed		30 (Re	v. 10-83)
PREVIOUS EDITION UNUSABLE						FAR (48 CF			

FILE COPY

In the first sentence of B.3, <u>Contract Funding</u>, the total amount allotted is increased by \$200,000 from \$3,196,587 to \$3,396,587. As a consequence, the first sentence of B.3 now reads as follows:

"For purposes of payment of cost, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$3,396,587."

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NASA Contract NAS1-97040 Tabulation Summary

	Base Period/ Cost (No Fee)	Funded to-Date	Applic. Task(s)
Decis Contract	\$5,997,941	\$ 673,587	Tasks 1 & 2
Basic Contract		•	
Mod. No. 1	O	60,000	Task 3
Mod. No. 2	0	474,000	Task 4
Mod. No. 3	0	250,000	Task 5
Mod. No. 4	0	263,000	Tasks 2 & 6
Mod. No. 5	0	54,500	Tasks 7 & 8
Mod. No. 6	0	1,370,000	Tasks 1,2,4,5,6 & 8
Mod. No. 7	0	51,500	Task 7
By this Mod. No. 8	0	200,000	Task 2
Totals	\$5,997,941	\$3,396,587	

Page 2 of 2 NAS1-97040 MODIFICATION 8

		OMB A	(pproval #: 2700 : A2	
AMENDMENT OF SOLICITATION	MODIFICATION OF CO	NTRACT	1. CONTRACT ID CODE	PAGE OF PAGES 1 2
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITI	ON/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
9	APR 0 1 1998	See B	Block 12 below.	
6. ISSUED BY CODE		7. ADMINISTI	ERED BY (If other than Item 6)	CODE
		1		
National Aeronautics and Space Ad	ministration			
Lanlgey Research Center				
Hampton, VA 23681-0001		}		
Trampton, VII 23001 0001				
8. NAME AND ADDRESS OF CONTRACTOR (No.	, street, county, State, and Zip Coo	te) (x)	9A. AMENDMENT OF SOLIC	ITATION NO.
•	•	'		
Desire Commercial Airplan	a Craum			
Boeing Commercial Airplan	· ·		DD DATED (OFF ITEM (4)	
Attn: Lyn A. Johnson, MS 7	6-67		9B. DATED (SEE ITEM 11)	
P. O. Box 3707				
Seattle, WA 98124-2207			10A. MODIFICATION OF CO	NTRACT/ORDER NO.
Ocalito, 11/1001212201		1	NAS1-97040	
			NAS1-97040	
		X		
			10B. DATED (SEE ITEM 13)	
CODE FAC	LITY CODE		1/10/97	
11 THIS ITE	M ONLY APPLIES TO	MENDME	<u> </u>)NS
				Γ¬
The above numbered solicitation is amended		•	•	extended, is not extended.
Offers must acknowledge receipt of this amendmen	t prior to the nour and date specific	ed in the solicitat	ion of as amended, by one of the	tollowing methods.
(a) By completing Items 8 and 15, and returning				
(c) By separate letter or telegram which includes a AT THE PLACE DESIGNATED FOR THE RECEIP				
virtue of this amendment you desire to change an o				
reference to the solicitation and this amendment, at		nour and date sp	ecified.	
12. ACCOUNTING AND APPROPRIATION DATA See Page 2 of 2.	(и гединеа)			
	PPLIES ONLY TO MOD THE CONTRACT/ORD			
(x) A. THIS CHANGE ORDER IS ISSUED PL				
NO. IN ITEM 10A.	rice, are ter (eposity dealerity)			
X B. THE ABOVE NUMBERED CONTRAC				s changes in paying office,
appropriation date, etc.) SET FORTH IN I	TEM 14, PURSUANT TO THE AUT	THORITY OF FA	R 43.103(b).	
C. THIS SUPPLEMENTAL AGREEMENT	IS ENTERED INTO PURSUANT 1	TO AUTHORITY	OF:	
D. OTHER (Specify type of modification a	nd authority)			
E. IMPORTANT: Contractor ⊠is not, ☐ is	required to sign this document	and return	conies to the issuing offic	re .
14. DESCRIPTION OF AMENDMENT/MODIFICAT	ION (Organized by UCF section he	adings, includin	g solicitation/contract subject me	atter where feasible.)
The purpose of this modific				
				,000: 713 a 103an oi
this modification, the contra	act Schedule is revis	eu as ioil	OWS.	
	(CONTINUED ON	ATTACH	IED PAGE)	
Except as provided herein, all terms and conditions				changed and in full force and effect.
15A. NAME AND TITLE OF SIGNER (Type or prin			ND TITLE OF CONTRACTING (
		Darlei	ne T. Baxter	2
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNTED	STATES OF AMERICA	// 16C. DATE SIGNED
		BY X	maken Mr.	
(Sinnature of namon authorized to sign)		- 1 1 12	gnature of Contracting Officer)	4/1/
(Signature of person authorized to sign) NSN 7540-01-152-8070	30-			ARD FORM 30 (Rev. 10-83)
PREVIOUS EDITION UNUSABLE	40	-		ed by GSA

FAR (48 CFR) 53.243



In the first sentence of B.3, Contract Funding, the total amount allotted is increased by \$170,000 from \$3,396,587 to \$3,566,587. As a consequence, the first sentence of B.3 now reads as follows:

"For purposes of payment of cost, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$3,566,587."

NASA Contract NAS1-97040 Tabulation Summary

	Base Period/ Cost (No Fee)	Funded to-Date	Applic. Task(s)
Basic Contract	\$5,997,941	\$ 673,587	Tasks 1 & 2
Mod. No. 1	0	60,000	Task 3
Mod. No. 2	0	474,000	Task 4
Mod. No. 3	0	250,000	Task 5
Mod. No. 4	0	263,000	Tasks 2 & 6
Mod. No. 5	0	54,500	Tasks 7 & 8
Mod. No. 6	0	1,370,000	Tasks 1,2,4,5,6 & 8
Mod. No. 7	0	51,500	Task 7
Mod. No. 8	0	200,000	Task 2
By this Mod. No. 9	0	170,000	Tasks 5 & 7
Totals	\$5,997,941	\$3,566,587	

BLOCK 12. ACCOUNTING AND APPROPRIATION DATA

DF.1337; H2321A; \$100,000 (Complete) (Task 5) PR:

DFB.3808; H15194; \$70,000 (Complete) (Task 7) PR:

Total Obligation this Mod. No. 9: \$170,000

OMB Approval #: 270υ-J042										
		ION/MODI	FICATION OF C			CONTRACT ID CODE		1	PAGES 2	
2. AMENDMENT/MOI		[FECTIVE DATE			ON/PURCHASE REQ. NO.	5. PRO	JECT NO.	. (If applicable)	
	10	CODE	PR 2 1 1998			Block 12 below. ERED BY (If other than Item 6)	CODI	- 1		
6. ISSUED BY	,	-ODE		- 7. ADIN	MINIST	ERED BY (II other than item 6)	CODE	=		
Lanlgey Rese	onautics and Space earch Center A 23681-0001	ce Administ	ration							
8. NAME AND ADDR	ESS OF CONTRACTO	OR (No., street,	county, State, and Zip C	ode)	(x)	9A. AMENDMENT OF SOLIC	TATION I	VO.		
	ommercial Air	-				OR DATED (OFF ITEM 44)				
Attn: Lyn / P. O. Box	A. Johnson, N 3707	MS 76-67	,			9B. DATED (SEE ITEM 11)				
Seattle, W	/A 98124-220)7				10A. MODIFICATION OF CO	NTRACT/	ORDER N	ō.	
					ļ	NAS1-97040				
					X					
						10B. DATED (SEE ITEM 13)				
CODE		FACILITY C	ODE		1	1/10/97				
	11. THI	S ITEM ON	NLY APPLIES TO	AMEND	MEN	ITS OF SOLICITATION	NS			
The above numb	pered solicitation is am	ended as set fo	orth in Item 14. The hour	and date sp	ecified	for receipt of Offers is ext	ended,	is not	extended.	
Offers must acknowled	dge receipt of this ame	endment prior to	the hour and date specif	ied in the so	olicitatio	n or as amended, by one of the f	following m	nethods:		
By separate letter or to THE PLACE DESIGN. virtue of this amendmento the solicitation and	ATED FOR THE REC ent you desire to chang this amendment, and i	s a reference to EIPT OF OFFE ge an offer alrea s received prior	the solicitation and amer RS PRIOR TO THE HOU ady submitted, such chan to the opening hour and	ndment num JR AND DA' ge may be r	bers. F TE SPE made b	receipt of this amendment on ea FAILURE OF YOUR ACKNOWLI ECIFIED MAY RESULT IN REJE y telegram or letter, provided eac	EDGEMEN CTION OF	NT TO BE F YOUR O	RECEIVED AT FFER. If by	
PR: DFC.	3625; H2313.	A; \$200,0	000 (Complete	<u> </u>						
						S OF CONTRACTS/OF DESCRIBED IN ITEM		,		
(x) A. THIS CH.	ANGE ORDER IS ISS					SET FORTH IN ITEM 14 ARE I		THE CONT	FRACT ORDER	
			R IS MODIFIED TO REP PURSUANT TO THE AL			IISTRATIVE CHANGES (such a R 43.103(b).	s changes	in paying	office,	
C. THIS SU	PPLEMENTAL AGRE	EMENT IS ENT	ERED INTO PURSUAN	T TO AUTH	ORITY	OF:				
D. OTHER	Specify type of modific	cation and auth	ority)							
E. IMPORTANT:	Contractor ⊠is not	, 🗌 is require	ed to sign this docume	ent and ret	um	copies to the issuing				
						solicitation/contract subject mat				
• •						d funding by \$200,	000. A	As a re	esult of	
this modifi	ication, the c	ontract S	chedule is revi	sed as	tolic	ows:				
		(0	0.171.11.150.0		• • •					
Except as provided be	arein all terms and cor		ONTINUED O			ED PAGE) eretofore changed, remains unch	anaed an	d in full for	co and affect	
	LE OF SIGNER (Type		ocament references in the			ND TITLE OF CONTRACTING C				
				D	a rj er	ne T. Baxter				
15B. CONTRACTOR	OFFEROR	T	15C. DATE SIGNED	16B. UI	NITED.	STATES OF AMERICA	$\overline{}$	16C. DA	ATE SIGNED	
(Signature of	person authorized to s	ian)		BY A		mature of Contracting Officer)		H.	2/48	
NSN 7540-01-152-80	70	···3··//	3	0-105	(0/		ARD FOF	RM 30 (R	ev. 10-83)	
PREVIOUS EDITION	UNUSABLE								FR) 53.243	

FILE COPY

In the first sentence of B.3, <u>Contract Funding</u>, the total amount allotted is increased by \$200,000 from \$3,566,587 to \$3,766,587. As a consequence, the first sentence of B.3 now reads as follows:

"For purposes of payment of cost, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$3,766,587."

NASA Contract NAS1-97040 Tabulation Summary

	Base Period/		
	Cost (No Fee)	Funded to-Date	Applic. Task(s)
Basic Contract	\$5,997,941	\$ 673,587	Tasks 1 & 2
Mod. No. 1	0	60,000	Task 3
Mod. No. 2	0	474,000	Task 4
Mod. No. 3	0	250,000	Task 5
Mod. No. 4	0	263,000	Tasks 2 & 6
Mod. No. 5	0	54,500	Tasks 7 & 8
Mod. No. 6	0	1,370,000	Tasks 1,2,4,5,6 & 8
Mod. No. 7	0	51,500	Task 7
Mod. No. 8	0	200,000	Task 2
Mod. No. 9	0	170,000	Tasks 5 & 7
By this Mod. No. 10	0	200,000	Task 6
Totals	\$5,997,941	\$3,766,587	

OMB Approval #: 2700-0042

FILE COP

In the first sentence of B.3, <u>Contract Funding</u>, the total amount allotted is increased by \$100,000 from \$3,766,587 to \$3,866,587. As a consequence, the first sentence of B.3 now reads as follows:

"For purposes of payment of cost, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$3,866,587."

NASA Contract NAS1-97040 Tabulation Summary

	Base Period/ Cost (No Fee)	Funded to-Date	Applic. Task(s)
	Cost (No Fee)	Funded to-Date	Applic. Task(s)
Basic Contract	\$5,997,941	\$ 673,587	Tasks 1 & 2
Mod. No. 1	0	60,000	Task 3
Mod. No. 2	0	474,000	Task 4
Mod. No. 3	0	250,000	Task 5
Mod. No. 4	0	263,000	Tasks 2 & 6
Mod. No. 5	0	54,500	Tasks 7 & 8
Mod. No. 6	0	1,370,000	Tasks 1,2,4,5,6 & 8
Mođ. No. 7	0	51,500	Task 7
Mod. No. 8	0	200,000	Task 2
Mod. No. 9	0	170,000	Tasks 5 & 7
Mod. No. 10	0	200,000	Task 6
By this Mod. No. 11	0	100,000	Task 9
Totals	\$5.997.941	\$3.866.587	

1. CONTRACT ID CODE PAGE OF PAGES AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT 4. REQUISITION/PURCHASE REQ. NO. 5. PROJECT NO. (If applicable) 2. AMENDMENT/MODIFICATION NO. See Block 12 12 7. ADMINISTERED BY (If other than Item 6) CODE CODE 6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001 8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) 9A. AMENDMENT OF SOLICITATION NO. Boeing Commercial Airplane Group 9B. DATED (SEE ITEM 11) Attn: Lvn A. Johnson, MS 76-67 P. O. Box 3707 10A. MODIFICATION OF CONTRACT/ORDER NO. Seattle, WA 98124-2207 NAS1-97040 X 10B. DATED (SEE ITEM 13) FACILITY CODE 1/10/97 CODE THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS <u>11.</u> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (a) By completing Items 8 and 15, and returning (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified 12. ACCOUNTING AND APPROPRIATION DATA (If required) NA 13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14. A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT (x) ORDER NO. IN ITEM 10A. B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: D. OTHER (Specify type of modification and authority) copies to the issuing office. (Acknowledgment Only) E. IMPORTANT: Contractor X is not, is required to sign this document and return 14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) The purpose of this modification is to provide for direct submission of vouchers for payment. Accordingly, the contract is hereby changed as follows: Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect. 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) 15A. NAME AND TITLE OF SIGNER (Type or print) Panice H. Clark 16B. UNITED, STATES OF AMERICA 16C. DATE SIGNED (15B. CONTRACTOR/OFFEROR 15C. DATE SIGNED mel (Signature of Contracting Officer) (Signature of person authorized to sign) STANDARD FORM 30 (Rev. 10-83) NSN 7540-01-152-8070 30-105

OMB Approval #: 2700-0042

PREVIOUS EDITION UNUSABLE

Prescribed by GSA FAR (48 CFR) 53.243



1. Paragraph G.1, Submission Of Vouchers For Payment, is hereby deleted in its entirety and replaced with the following:

"G.1 SUBMISSION OF VOUCHERS FOR PAYMENT(FAR 1852.216-87) (MAR 1998)"

- (a) The designated billing office for cost vouchers for purposes of the Prompt Payment clause of this contract is identified below. Public vouchers for payment of costs shall include a reference to the number of this contract.
- (b) (1) If the Contractor is authorized to submit interim cost vouchers directly to the NASA paying office, the original voucher should be submitted to:

NASA Langley Research Center Attn: Financial Management Division, MS 175 Hampton, VA 23681-2199

- (2) For any period that the Defense Contract Audit Agency has authorized the Contractor to submit interim cost vouchers directly to the Government paying office, interim vouchers are not required to be sent to the Auditor, and are considered to be provisionally approved for payment, subject to final audit.
 - (3) Copies of vouchers should be submitted as directed by the Contracting Officer.
- (c) If the Contractor is not authorized to submit interim cost vouchers directly to the paying office as described in paragraph (b), the Contractor shall prepare and submit vouchers as follows:
 - (1) One original Standard Form (SF) 1034, SF 1035, or equivalent Contractor's attachment to:

N/A

- (2) Five copies of SF 1034, SF 1035A, or equivalent Contractor's attachment to the following offices by insertion in the memorandum block of their names and addresses:
 - (i) Copy 1 NASA Contracting Officer;
 - (ii) Copy 2 Auditor;
 - (iii) Copy 3 Contractor;
 - (iv) Copy 4 Contract administration office; and
 - (v) Copy 5 Project management office.
 - (3) The Contracting Officer may designate other recipients as required.
- (d) Public vouchers of payment of fee shall be prepared similarly to the procedures in paragraphs (b) or (c) of this clause, whichever is applicable, and be forwarded to:

NASA Langley Research Center Attn: Financial Management Division, MS 175 Hampton, VA 23681-0001

This is the designated billing office for fee vouchers for purposes of the Prompt Payment clause of this contract.

(e) In the event that amounts are withheld from payment in accordance with provisions of this contract, a

separate voucher for the amount withheld will be required before payment for that amount may be made.

CONTRACT TABULATION

	Base Period/		
	Cost (No Fee)	Funded to-Date	Applic. Task(s)
Basic Contract	\$5,997,941	\$ 673,587	Tasks 1 & 2
Mod. No. 1	0	60,000	Task 3
Mod. No. 2	0	474,000	Task 4
Mod. No. 3	0	250,000	Task 5
Mod. No. 4	0	263,000	Tasks 2 & 6
Mod. No. 5	0	54,500	Tasks 7 & 8
Mod. No. 6	0	1,370,000	Tasks 1,2,4,5,6 & 8
Mod. No. 7	0	51,500	Task 7
Mod. No. 8	0	200,000	Task 2
Mod. No. 9	0	170,000	Tasks 5 & 7
Mod. No. 10	. 0	200,000	Task 6
Mod. No. 11	0	100,000	Task 9
By this Mod. 12	0	Q	
Totals	\$5,997,941	\$3,866,587	

		OMB Am	proval #: 2700-00+2				
		OND AL	1. CONTRACT ID CODE		PAGE C	F PAGE	s
AMENDMENT OF SOLICITATION/	MODIFICATION OF CO	NTRACT		-	1	1	2
2. AMENDMENT/MODIFICATION NO.	3 EFFECTIVE DATE		ON/PURCHASE REQ. NO.	5. PROJ		. (If applic	able)
13	JUL 2 4 1933	See E	Block 12 below.				
6 ISSUED BY CODE		7. ADMINISTE	RED BY (If other than Item 6)	CODE			
		7					
National Aeronautics and Space Add	ministration						
Lanlgey Research Center		İ					
Hampton, VA 23681-0001		1					
		1 1 6 3	9A. AMENDMENT OF SOLIC	CITATION N			
B. NAME AND ADDRESS OF CONTRACTOR (No.	, street, county, State, and Zip Coo	de) (x)	SA. AMENDMENT OF SOLIC	MATIONN	0.		
Boeing Commercial Airplan							
Attn: Mr. Shinko Wiles, MS	76-67		9B. DATED (SEE ITEM 11)				
P. O. Box 3707							
Seattle, WA 98124-2207			10A. MODIFICATION OF CO	NTRACT/O	RDER N	O.	
Seattle, WA 90124-2207			NAS1-97040				
		V	11/101-370-40				
		X	10B. DATED (SEE ITEM 13)				
			10B. DATED (SEE ITEM 13)				
	ILITY CODE		1/10/97				
11. THIS ITE	M ONLY APPLIES TO	AMENDMEN	ITS OF SOLICITATIO	NS			
The above numbered solicitation is amended	as set forth in Item 14. The hour a	and date specified	for receipt of Offers is e	extended.	isn	ot extend	led.
Offers must acknowledge receipt of this amendmen	t prior to the hour and date specifie	ed in the solicitation	n or as amended, by one of the	following m	ethods:		
(a) By completing Items 8 and 15, and returning By separate letter or telegram which includes a refe	copies of the amendment; (b) E	3y acknowledging Iment numbers - F	receipt of this amendment on e	acn copy of EDGEMEN	the offer :	RECEIVI	a; or (c) ED AT
THE PLACE DESIGNATED FOR THE RECEIPT O	F OFFERS PRIOR TO THE HOUF	R AND DATE SPE	ECIFIED MAY RESULT IN REJI	ECTION OF	YOUR O	OFFER. If	f by
virtue of this amendment you desire to change an or to the solicitation and this amendment, and is receiv	ifer already submitted, such chang	e may be made b	y telegram or letter, provided ea	ch telegram	or letter r	makes ref	ference
12. ACCOUNTING AND APPROPRIATION DATA	(If required)	ate specified.					
See Page 2 of 2.							
	PPLIES ONLY TO MOD	IFICATIONS	OF CONTRACTS/O	RDERS,			
IT MODIFIES	THE CONTRACT/ORD	ER NO. AS	DESCRIBED IN ITEM	14.			
(x) A. THIS CHANGE ORDER IS ISSUED P	URSUANT TO: (Specify authority)	THE CHANGES	SET FORTH IN ITEM 14 ARE	MADE IN T	HE CON	TRACT O	RDER
NO. IN ITEM 10A.							
N			HOTDATING OLIANOES (-#:	
B. THE ABOVE NUMBERED CONTRAC appropriation date, etc.) SET FORTH IN I	T/ORDER IS MODIFIED TO REFL FEM 14. PURSUANT TO THE AU	LECT THE ADMIN THORITY OF FAF	NISTRATIVE CHANGES (<i>such a</i> R 43.103(b).	as changes i	n paying	опісе,	
C. THIS SUPPLEMENTAL AGREEMENT					·		
G. 7710 GGF / 221112177 27 10 11 12 11 11 11 11 11 11 11 11 11 11 11		-					
D. OTHER (Specify type of modification a	and authority)						
E. IMPORTANT: Contractor ∑is not, ☐ i 14. DESCRIPTION OF AMENDMENT/MODIFICATION 15. IMPORTANT: Contractor ∑is not, ☐ i	s required to sign this docume	ent and return _	copies to the issuin		inneible \		
							۰ŧ
The purpose of this modific				,000. F	AS a re	esuit	OI
this modification, the contra	act Schedule is revis	sed as folio	ows:				
	(CONTINUED ON	N ATTACH	IFD PAGE)				
Except as provided herein, all terms and conditions				hanged and	in full for	rce and ef	ffect.
15A. NAME AND TITLE OF SIGNER (Type or prin			ND TITLE OF CONTRACTING				
		Panic	e H. Clark				
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED	STATES OF AMERICA		16C. D/	ATE SIGN	NED
		BY C	a and a	I	ı	, 1	
(Signature of person authorized to sign)		1 — <u> </u>	gnature of Contracting Officer)	wi .	, <u> </u>	luci	98
NSN 7540-01-152-8070	30	-105	<u> </u>	ARD FOR	M 30 (R	ev. 10-1	B3)
PREVIOUS EDITION UNUSABLE	••			ed by GSA	+= (* *		,

FILE COPY

FAR (48 CFR) 53.243

In the first sentence of B.3, <u>Contract Funding</u>, the total amount allotted is increased by \$381,000 from \$3,866,587 to \$4,247,587. As a consequence, the first sentence of B.3 now reads as follows:

"For purposes of payment of cost, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$4,247,587.

NASA Contract NAS1-97040 Tabulation Summary

	Base Period/	5 1.44 D.4.	A C . T 1./->
	Cost (No Fee)	Funded to-Date	Applic. Task(s)
Basic Contract	\$5,997,941	\$ 673,587	Tasks 1 & 2
Mod. No. 1	0	60,000	Task 3
Mod. No. 2	0	474,000	Task 4
Mod. No. 3	0	250,000	Task 5
Mod. No. 4	0	263,000	Tasks 2 & 6
Mod. No. 5	0	54,500	Tasks 7 & 8
Mod. No. 6	0	1,370,000	Tasks 1,2,4,5,6 & 8
Mod. No. 7	0	51,500	Task 7
Mod. No. 8	0	200,000	Task 2
Mod. No. 9	0	170,000	Tasks 5 & 7
Mod. No. 10	0	200,000	Task 6
Mod. No. 11	0	100,000	Task 9
Mod. No. 12	0	0	N/A
By this Mod. No. 13	0	381,000	Tasks 4, 5, 8 & 10
Totals	\$5,997,941	\$4,247,587	

BLOCK 12. ACCOUNTING AND APPROPRIATION DATA

PR: DFB.3835; H2321A; \$108,000 (Complete) (Task 4, Rev)
PR: DFB.3841; H2321A; \$32,000 (Complete) (Task 5, Rev)
PR: DF.1343; R22801; \$200,000 (Complete) (Task 8, Rev)

PR: DFC.3639; H2331A; <u>\$41,000</u> (Complete) (Task 10, New)

Total Obligation this Mod. No. 13:\$381,000

·	OMB Approval #: 2700-0042					
AMENDMENT OF SOLICITATION		FICATION OF CO	MTDACT	CONTRACT ID CODE		F PAGES
		FECTIVE DATE		ION/PURCHASE REQ. NO.	1 1 5. PROJECT NO.	(If applicable)
2. AMENDMENT/MODIFICATION NO. 14		UG 25 1008		Block 12 below.	5. PROJECT NO.	(п аррпсаые)
	ODE P	UG 2 3 1941	1	ERED BY (If other than Item 6)	CODE	
5. 1000 <u>1</u> 2 1	<u> </u>					
National Aeronautics and Space	e Administ	ration				
Lanlgey Research Center						
Hampton, VA 23681-0001						
8. NAME AND ADDRESS OF CONTRACTO	R (No., street	, county, State, and Zip Coo	(x)	9A. AMENDMENT OF SOLICITA	ATION NO.	
Boeing Commercial Airp	olane Gi	roup				
Attn: Ms. Shinko Wiles,	MS 76-	67		9B. DATED (SEE ITEM 11)		
P. O. Box 3707						
Seattle, WA 98124-220	7			10A. MODIFICATION OF CONT	TRACT/ORDER NO).
		•		NAS1-97040		
			X			
				10B. DATED (SEE ITEM 13)		
CODE	FACILITY C	ODE		1/10/97		
·			NACA IDAG			
·				NTS OF SOLICITATIONS		
The above numbered solicitation is amount of the second of	ended as set	forth in Item 14. The hour a	nd date specifie	d for receipt of Offers is exte		t extended.
(a) By completing Items 8 and 15, and returning By separate letter or telegram which includes	ng cop	ies of the amendment; (b) B	y acknowledging	g receipt of this amendment on each	n copy of the offer s	ubmitted; or (c)
THE PLACE DESIGNATED FOR THE RECE	IPT OF OFFE	RS PRIOR TO THE HOUF	AND DATE SP	ECIFIED MAY RESULT IN REJECT	TION OF YOUR OF	FFER. If by
virtue of this amendment you desire to change to the solicitation and this amendment, and is				by telegram or letter, provided each	telegram or letter n	nakes reference
12. ACCOUNTING AND APPROPRIATION			no opcomou.			1.00
See Page 2 of 2.						
				S OF CONTRACTS/ORD		
				DESCRIBED IN ITEM 1		
(x) A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.						
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office,					office,	
appropriation date, etc.) SET FORT	H IN ITEM 14	, PURSUANT TO THE AUT	HORITY OF FA	.R 43.103(b).		
C. THIS SUPPLEMENTAL AGREE	MENT IS EN	TERED INTO PURSUANT	TO AUTHORITY	OF:		
D. OTHER (Specify type of modification)	ation and auth	pority)				
b. Official appears type of mounts	00011 0110 000	ionty)		with many gar	_	
E. IMPORTANT: Contractor ⊠is not	, 🗌 is requ	red to sign this docume	nt and return	copies to the issuing o	office.	
14. DESCRIPTION OF AMENDMENT/MOD						
The purpose of this mo-					00. As a re	sult of
this modification, the co	ontract S	schedule is revis	ed as foll	ows:		
	(C	ONTINUED ON	ATTACH	HED PAGE)		
Except as provided herein, all terms and cond	ditions of the o		9A or 10A, as I	heretofore changed, remains unchar		
15A. NAME AND TITLE OF SIGNER (Type or print) 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)					nt)	
Panice H. Clark						
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED	160 LIMITED	STATES OF AMERICA	16C DA	TE SIGNED
ISS. CONTINCTONOFFEROR	ļ	IUG. DATE SIGNED	IOD. UNITEL	4		I E SIGNED
			BY	Lance J. Cla	w .	lactor
(Signature of person authorized to sinus NSN 7540-01-152-8070	gn)	20	(S 105	ignature of Contracting Officer)	8D EOBM 30 (D	192/48
PREVIOUS EDITION UNUSABLE		30-	105	STANDAH Brosoribad k	RD FORM 30 (Rê	av. 10-83)

STANDARD F C.
Prescribed by GSA
FAR (48 CFR) 53.243

FILE COPY

In the first sentence of B.3, <u>Contract Funding</u>, the total amount allotted is increased by \$100,000 from \$4,247,587 to \$4,347,587. As a consequence, the first sentence of B.3 now reads as follows:

"For purposes of payment of cost, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$4,347,587.

NASA Contract NAS1-97040 Tabulation Summary

	Base Period/	F 1 1 5 5 1	A " T 1/)
	Cost (No Fee)	Funded to-Date	Applic. Task(s)
Basic Contract	\$5,997,941	\$ 673,587	Tasks 1 & 2
Mod. No. 1	0	60,000	Task 3
Mod. No. 2	0	474,000	Task 4
Mod. No. 3	0	250,000	Task 5
Mod. No. 4	0	263,000	Tasks 2 & 6
Mod. No. 5	0	54,500	Tasks 7 & 8
Mod. No. 6	0	1,370,000	Tasks 1,2,4,5,6 & 8
Mod. No. 7	0	51,500	Task 7
Mod. No. 8	0	200,000	Task 2
Mod. No. 9	0	170,000	Tasks 5 & 7
Mod. No. 10	0	200,000	Task 6
Mod. No. 11	0	100,000	Task 9
Mod. No. 12	0	0	N/A
Mod. No. 13	0	381,000	Tasks 4, 5, 8 & 10
By this Mod. No. 14	0	100,000	Task 2
Totals	\$5,997,941	\$4,347,587	

BLOCK 12. ACCOUNTING AND APPROPRIATION DATA

PR: DFM.1279; R22187; \$50,000 (Complete) (Task 2, Rev) PR: DFM.1285; R22187; \$50,000 (Complete) (Task 2, Rev)

Total Obligation this Mod. No. 14:\$100,000

TASK ADJUSTMENTS FOR COST ACCOUNTING PURPOSES:

PR: DFC.3625; H2313A; \$75,000 (from Task 6 to Task 1) PR: DF.1343; R22801; \$30,000 (from Task 8 to Task 1)

PR: DFC.3590; H2331A; \$25,000 (from Task 9 to Task 1)

Total Adjustment this Mod. No. 14:\$130,000

Page 2 of 2 NAS1-97040 Modification No. 13

		OMB A	prove #: 2700-0042	
AMENDMENT OF SOLICITATION			1. CONTRACT IO CODE	PAGE OF PAGES 1 2
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DAYE	4. REQUISITION/PURCHASE REG. NO. 5. PROJECT NO. (8 spp)		
A ISSUED BY CODE	9/30/98	See Block 12 below.		
6. 1550ED B1	L	- ADMINIST	EVED DI (II ONI NEN MONI A)	-
National Acronautics and Space Ad	lminlettation			
Langey Research Contor	~: <u>~~</u>	· [
Hampton, VA 23681-0001		1		
8. NAME AND ADDRESS OF CONTRACTOR (No	, street, county, Siste, and Zip Co	(x)	SA AMENOMENT OF SOLK	NTATION NO.
		1	}	
Boeing Commercial Airplan	•	Į.	2000 TV	
Attn: Ms. Shinko Wiles, MS	S 76-67	{	98. DATED (SEE ITEM 11)	
P. O. Box 3707		L_		
Seattle, WA 98124-2207			10A. MODIFICATION OF CO	NTRACT/ORDER NO.
·		Ì	NAS1-97040	
		X		
			109. DATED (BEE ITEM 13)	
CODE	SILTY CODE		1/10/97	
	EM ONLY APPLIES TO	AMENDIA		NS
The above numbered solicitation is amended				extended. le not extended.
	Ned prior to the opening hour and A (if required) APPLIES ONLY TO MOIS THE CONTRACT/OR! PURBUANT TO: (Specify euthority	DIFICATION DER NO. AS	S OF CONTRACTS/O DESCRIBED IN ITEM 3 SET FORTH IN ITEM 14 ARE	RDERS, 114. MADE IN THE CONTRACT ORDER
eppropriation date, etc.) SET FORTH IN O. THIS SUPPLEMENTAL AGREEMEN	ITEM 14. PURBUANT TO THE AL	JTHORITY OF FA	R 45.103(b).	
D. OTHER (Speaty type of modification	and exhority)			
E. IMPORTANT: Contractor lia not, X	la required to sign this docum	ent and return	3 copies to the issui	ng office.
The purpose of this modifi				200,000. As a result
of this modification, the co	intract Schedule is r	evised as i	follows:	
		j		
		ł		
- · · · · · · · · -	(CONTINUED O			
Except as provided harsin, all terms and condition 16A. NAME AND TITLE OF SIGNER (Type or pr	is of the document referenced in its		herelatore altenged, remains uni NO TITLE OF CONTRACTING	
Shinko Wiles	-r v	I ION PARE	AID HIPP OF MANIMONING	ALL THE PROPERTY OF THE PERSON AND ADDRESS OF THE PERSON ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADD
	·	SAND	RA S. RAY	
108. CONTRACTOR/OFFEROR	15C. DATE SIGNED	188. UNITE	STATES OF AMERICA	TEC. DATE SIGNED
Park A	- I Sohn	BY/	udust	1 9/2. lov
(Signature of person authorized to algn)	1/20/98	· /	ignature of Contracting Officer)	170/78
		,		

in the first sentence of B.3, <u>Contract Funding</u>, the total amount allotted is decreased by \$200,000 from \$4,347,587 to \$4,347,587. As a consequence, the first sentence of B.3 now reads as follows:

"For purposes of payment of cost, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$4,147,587.

NASA Contract NAS1-97040 Tabulation Summary

	Base Period/ Cost (No Fee)	Funded to-Date	Applic, Task(s)
Basic Contract	\$5,997,941	\$ 673,587	Tasks 1 & 2
Mod. No. 1	0	60,000	Task 3
Mod. No. 2	0	474,000	Task 4
Mod. No. 3	0	250,000	Task 5
Mod. No. 4	0	263,000	Tasks 2 & 8
Mod. No. 5	0	54,500	Tasks 7 & 8
Mod. No. 6	0	1,370,000	Tasks 1,2,4,5,6 & 8
Mod. No. 7	0	51,500	Task 7
Mod, No. 8	0	200,000	Task 2
Mod. No. 9	0	170,000	Tasks 5 & 7
Mod. No. 10	0	200,000	Task 6
Mod. No. 11	0	100,000	Task 9
Mod, No. 12	0	0	NA
Mod. No. 13	Ò	381,000	Tasks 4, 5, 8 & 10
Mod. No. 14	0	100,000	Task 2
By This Mod. No. 15	Õ	-200,000	Tasks 4,9,10
Totals	\$5,997,941	\$4,147,587	

BLOCK 12. ACCOUNTING AND APPROPRIATION DATA

PR: DFB. 3835; H2321A; \$-108,000 (PARTIAL) (TASK 4)
PR: DFC. 3590; H2331A; \$-61,000 (PARTIAL) (TASK 9)
PR: DFB. 3784; H2321S; \$-24,000 (PARTIAL) (TASK 4)
PR: DFC. 3639; H2331A; \$-7,000 (PARTIAL) (TASK 10)

Total Deobligation for Mod. No. 15: \$200,000

Page 2 of 2 NA\$1-97040 Modification No. 15

		OMB Ap	proval #: 27uu-0042	
AMENDMENT OF SOLICITATION	MODIFICATION OF C	CONTRACT	1. CONTRACT ID CODE	PAGE OF PAGES 1 2
2. AMENDMENT/MODIFICATION NO. 16	3. EFFECTIVE DATE 10/5/98		on/purchase req. no. Block 12 below.	5. PROJECT NO. (If applicable)
B. ISSUED BY CODE		7. ADMINISTE	RED BY (If other than Item 6)	CODE
National Aeronautics and Space Ad Lanlgey Research Center Hampton, VA 23681-0001	dministration			
NAME AND ADDRESS OF CONTRACTOR (N	o., street, county, State, and Zip	Code) (x)	9A. AMENDMENT OF SOLIC	CITATION NO.
Boeing Commercial Airpla Attn: Ms. Shinko Wiles, MS P. O. Box 3707			9B. DATED (SEE ITEM 11)	
Seattle, WA 98124-2207			10A. MODIFICATION OF CO	ONTRACT/ORDER NO.
Geattle, WA 30124 2201		X	NAS1-97040	
		^	10B. DATED (SEE ITEM 13))
CODE	CILITY CODE		1/10/97	
	EM ONLY APPLIES T	O AMENDMEN		NS .
	A (If required) APPLIES ONLY TO MOS THE CONTRACT/O	ODIFICATIONS RDER NO. AS	DESCRIBED IN ITEM	1 14.
B. THE ABOVE NUMBERED CONTRA appropriation date, etc.) SET FORTH IN C. THIS SUPPLEMENTAL AGREEME	ITEM 14, PURSUANT TO THE	AUTHORITY OF FAI	R 43.103(b).	as changes in paying office,
C. This Supplemental Agreemen	41 19 ENTERED INTO FORSON	THE PORTION IT		
D. OTHER (Specify type of modification	and authority)			
	is required to sign this docu	ument and return	copies to the issuin	g office.
14. DESCRIPTION OF AMENDMENT/MODIFIC	ATION (Organized by UCF section	on headings, includin	g solicitation/contract subject m	atter where feasible.)
The purpose of this modifications a result of this modification.				
Except as provided herein, all terms and condition 15A. NAME AND TITLE OF SIGNER (Type or p		16A. NAME A		
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED		STATES OF AMERICA	16C. DATE SIGNED
		BY &	tairil A. Long	10-9-98
(Signature of person authorized to sign)			gnature of Contracting Officer)	1 10

In the first sentence of B.3, <u>Contract Funding</u>, the total amount allotted is increased by \$200,000 from \$4,147,587 to \$4,347,587. As a consequence, the first sentence of B.3 now reads as follows:

"For purposes of payment of cost, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$4,347,587.

NASA Contract NAS1-97040 Tabulation Summary

	Base Period/ Cost (No Fee)	Funded to-Date	Applic. Task(s)
Basic Contract	\$5,997,941	\$ 673,587	Tasks 1 & 2
Mod. No. 1	0	60,000	Task 3
Mod. No. 2	0	474,000	Task 4
Mod. No. 3	0	250,000	Task 5
Mod. No. 4	0	263,000	Tasks 2 & 6
Mod. No. 5	0	54,500	Tasks 7 & 8
Mod. No. 6	0	1,370,000	Tasks 1,2,4,5,6 & 8
Mod. No. 7	0	51,500	Task 7
Mod. No. 8	0	200,000	Task 2
Mod. No. 9	0	170,000	Tasks 5 & 7
Mod. No. 10	0	200,000	Task 6
Mod. No. 11	0	100,000	Task 9
Mod. No. 12	0	0	N/A
Mod. No. 13	0	381,000	Tasks 4, 5, 8 & 10
Mod. No. 14	0	100,000	Task 2
Mod. No. 15	0	-200,000	Tasks 4,9,10
By This Mod. 16	0	200,000	Tasks 4,9,10
•	\$5,997,941	\$4,347,587	

BLOCK 12. ACCOUNTING AND APPROPRIATION DATA

PR: DFB. 3835; H2321A; \$108,000 (COMPLETE) (TASK 4)
PR: DFC. 3590; H2331A; \$ 61,000 (COMPLETE) (TASK 9)
PR: DFB. 3784; H2321S; \$ 24,000 (COMPLETE) (TASK 4)
PR: DFC. 3639; H2331A; \$ 7,000 (COMPLETE) (TASK 10)

Total obligation for Mod. No. 16: \$200,000

Page 2 of 2 NAS1-97040 Modification No. 16

AMENDMENT OF SOLICITATION/N	1. CONTRACT ID CODE		1 3		
2. AMENDMENT/MODIFICATION NO.			DN/PURCHASE REQ. NO.	5. PROJE	CT NO. (If applicable)
17		See Block 12 below. 7. ADMINISTERED BY (If other than Item 6) CODE			
6. ISSUED BY CODE		7. ADMINISTE	RED BY (II other than item o)	CODE	
National Aeronautics and Space Adr Lanlgey Research Center Hampton, VA 23681-0001	ninistration				
8. NAME AND ADDRESS OF CONTRACTOR (No.,	street, county, State, and Zip Code)	(x)	9A. AMENDMENT OF SOLICITA	ATION NO.	
Boeing Commercial Airplan Attn: Ms. Shinko Wiles, MS P. O. Box 3707			9B. DATED (SEE ITEM 11)	DACT/ODDS	TO NO
Seattle, WA 98124-2207		ľ	10A. MODIFICATION OF CONT	RACI/ORDE	IK NO.
		ļ . <u>.</u>	NAS1-97040		
		X			
			10B. DATED (SEE ITEM 13)		
5552	CILITY CODE		1/10/97		
11. THIS I	TEM ONLY APPLIES TO	AMENDMEN	ITS OF SOLICITATIONS	<u> </u>	
IT MODIFII (x) A. THIS CHANGE ORDER IS ISSUED PU ITEM 10A.	IOR TO THE HOUR AND DATE SPEC ange may be made by telegram or lette ecified. I APPLIES ONLY TO MOD ES THE CONTRACT/ORD RSUANT TO: (Specify authority) THE	mbers. FAILURE IFIED MAY RESU r, provided each te DIFICATIONS ER NO. AS CHANGES SET	OF YOUR ACKNOWLEDGEMENT ILT IN REJECTION OF YOUR OFFI LICT IN REJECTION OF YOUR OFFI elegram or letter makes reference to SOF CONTRACTS/ORD DESCRIBED IN ITEM 14 FORTH IN ITEM 14 ARE MADE IN	TO BE RECE ER. If by virti the solicitation PERS, 1.	EIVED AT THE PLACE ue of this amendment you on and this amendment,
B. THE ABOVE NUMBERED CONTRACT etc.) SET FORTH IN ITEM 14, PURSUANT C. THIS SUPPLEMENTAL AGREEMENT	TTO THE AUTHORITY OF FAR 43.10	3(b).	ATIVE CHANGES (Such as changes	in paying or	пса, арргориации часе,
D. OTHER (Specify type of modification ar	iu authority)				
E. IMPORTANT: Contractor Sis not, is	required to sign this document a	nd return	copies to the issuing office.		
14. DESCRIPTION OF AMENDMENT/MODIFICATION The purpose of this modification of this modification, the correction of this modification, and the correction of this modification of this modification, the correction of this modification of this modification of this modification of this modification of this modification.	cation is to increase the atract Schedule is revision. (CONTINUED ON of the document referenced in Item 9A of	e allotted f sed as follo N ATTACH or 10A, as heretofo	unding by \$1,035,00 ows: IED PAGE)	00. As a	and effect.
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	ву _	STATES OF AMERICA	2	16C. DATE SIGNED
(Signature of person authorized to sign)	30	(S	Signature of Contracting Officer)	PD FORM	30 (Rev. 10-83)

OMB Approval #: 27uu-0042

In the first sentence of B.3, <u>Contract Funding</u>, the total amount allotted is increased by \$1,035,000 from \$4,347,587 to \$5,382,587. As a consequence, the first sentence of B.3 now reads as follows:

"For purposes of payment of cost, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$5,382,587.

NASA Contract NAS1-97040 Tabulation Summary

	Base Period/ Cost (No Fee)	Funded to-Date	Applic, Task(s)
Basic Contract	\$5,997,941	\$ 673,587	Tasks 1 & 2
Mod. No. 1	0	60,000	Task 3
Mod. No. 2	0	474,000	Task 4
Mod. No. 3	0	250,000	Task 5
Mod. No. 4	0	263,000	Tasks 2 & 6
Mod. No. 5	0	54,500	Tasks 7 & 8
Mod. No. 6	0	1,370,000	Tasks 1,2,4,5,6 & 8
Mod. No. 7	0	51,500	Task 7
Mod. No. 8	0	200,000	Task 2
Mod. No. 9	0	170,000	Tasks 5 & 7
Mod. No. 10	0	200,000	Task 6
Mod. No. 11	0	100,000	Task 9
Mod. No. 12	0	0	N/A
Mod. No. 13	0	381,000	Tasks 4, 5, 8 & 10
Mod. No. 14	0	100,000	Task 2
Mod. No. 15	0	-200,000	Tasks 4, 9, 10
Mod. No. 16	0	200,000	Tasks 4, 9, 10
By this Mod. No. 17	0	1.035.000	Tasks 1, 2, 4, 5, 6, 8
Totals	\$5,997,941	\$5,382,587	

BLOCK 12. ACCOUNTING AND APPROPRIATION DATA
PR: DFB.3862; H2342S; \$340,000 (Complete) (Task 1, Rev)
PR: DFM.1293; R22187; \$100,000 (Complete) (Task 2, Rev)
PR: DFB.3851; H2321S; \$200,000 (Complete) (Task 4, Rev)
PR: DFC.3664; H2313A; \$95,000 (Complete) (Task 5, Rev)
PR: DFC.3649; H2313A; \$200,000 (Complete) (Task 6, Rev)
PR: KB.0555; R22801; \$100,000 (Complete) (Task 8, Rev)
Total Obligation this Mod. No. 17: \$1,035,000

TASK ADJUSTMENTS FOR COST ACCOUNTING PURPOSES:

PR: DFC.3625; H2313A; \$75,000 (from Task 1 to Task 6)
PR: DF.1343; R22801; \$30,000 (from Task 1 to Task 8)
PR: DFC.3590; H2331A; \$25,000 (from Task 1 to Task 9)

Total Adjustment this Mod. No. 17: \$130,000

Page 3 of 3 NAS1-97040 Modification No. 17

	OMB Approval #: 2700-∪342						
				CONTRACT ID CODE		PAGE O	FPAGES
AMEN	IDMENT OF SOLICITATION/MO	ODIFICATION OF CO				<u>1</u>	3
2. AME	NDMENT/MODIFICATION NO. 3	JAN 7.8 (000	I.	ON/PURCHASE REQ. NO. Block 12 below.	5. PROJI	ECT NO.	(If applicable)
6. ISSU			7. ADMINISTI	ERED BY (If other than Item 6)	CODE		
- "						<u> </u>	
Na	tional Aeronautics and Space Admi	nistration	-				
	nlgey Research Center						
Ha	mpton, VA 23681-0001						
8. NAM	E AND ADDRESS OF CONTRACTOR (No., s	treet, county, State, and Zip Coo	(x)_	9A. AMENDMENT OF SOLIC	ITATION NO).	
			1				
В	peing Commercial Airplane	Group	1				
	tn: Ms. Shinko Wiles, MS 7			9B. DATED (SEE ITEM 11)			
	O. Box 3707						
	• · - · · · ·		-	10A. MODIFICATION OF CO	NTRACT/O	RDER NO	5 .
56	eattle, WA 98124-2207			NAS1-97040			
				NAS1-97040			
			X	10D DATED (055 ITEM 10)			
				10B. DATED (SEE ITEM 13)			
CODE	FACILI	TY CODE		1/10/97			
	11. THIS ITEN	ONLY APPLIES TO	AMENDME	NTS OF SOLICITATION	NS		
\Box	he above numbered solicitation is amended as	set forth in Item 14. The hour a	and date specified	for receipt of Offers is ex	ktended,	is no	ot extended.
Offers n	nust acknowledge receipt of this amendment p	rior to the hour and date specifie	d in the solicitation	on or as amended, by one of the f	following me	thods:	
				receipt of this amendment on ea			submitted; or (c)
D	anta lattar ar talagram which includes a referen	nce to the solicitation and amend	Iment numbers	FAILURE OF YOUR ACKNOWLI	EDGEMEN ⁻	TOBER	RECEIVED AT
TUE DI	ACE DESIGNATED FOR THE RECEIPT OF this amendment you desire to change an offe	OFFERS PRIOR TO THE HOUF	R AND DATE SPI	ECIFIED MAY RESULT IN REJE	CHON OF	YOUR O	FFER. IT DY
to the se	chis amendment you desire to change an one plicitation and this amendment, and is received	prior to the opening hour and d	ate specified.	, 10.0g.d o. 10.0., p. 0.0.			
12. AC	COUNTING AND APPROPRIATION DATA (If						
S	ee Page 3 of 3.			0.00	2000		
				S OF CONTRACTS/OF			
	IT MODIFIES I A. THIS CHANGE ORDER IS ISSUED PUR	HE CONTRACT/ORD	ER NO. AS	DESCRIBED IN ITEM	14. MADE IN T	IF CONT	RACT ORDER
(x)	NO. IN ITEM 10A.	RSUANT TO. (Specify authority)	THE CHANGE	S SET I SICILITATION 14 AIRE	WADE III II		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
X	B. THE ABOVE NUMBERED CONTRACT/	ORDER IS MODIFIED TO REFL	ECT THE ADMII	NISTRATIVE CHANGES (such a	s changes i	n paying (office,
<i>,</i> ,	appropriation date, etc.) SET FORTH IN ITE						
	C. THIS SUPPLEMENTAL AGREEMENT IS	S ENTERED INTO PURSUANT	TO AUTHORITY	OF:			
	D. OTHER (Specify type of modification and	d authority)					
X	Clause H.2, Price Option/Exter						
E. IMI	PORTANT: Contractor Sis not, Sis	required to sign this docume	ent and return	copies to the issuing			
	SCRIPTION OF AMENDMENT/MODIFICATION						<i>c</i>
Т	he purposes of this modific	ation are to exerci	se an opti	on to extend the co	ntract	term o	of the
C	ontract and to increase the	alotted funding by	\$774,500	 As a result of the 	ese cha	nges	, the
	ontract schedule is revised						
		(CONTINUED ON	ATTACH	HED PAGE)			
Except	as provided herein, all terms and conditions or	f the document referenced in Iter	n 9A or 10A, as h	neretofore changed, remains uncl	hanged and	in full for	ce and effect.
	IAME AND TITLE OF SIGNER (Type or print)		16A. NAME A	AND TITLE OF CONTRACTING (OFFICER (7	ype or pr	int) '
			1	l H. Jones			
15B. C	CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED	STATES OF AMERICA		16C. DA	ATE SIGNED
			BY \angle	tarist bull	2	1-1	3-99
	(Signature of person authorized to sign)			ignature of Contracting Officer)			- (!
	540-01-152-8070 OUS EDITION UNUSABLE	30	-105				ev. 10-83)
rkevi	OUS EDITION UNUSABLE			Prescribe	ou by GSA F	AR (48 C	CFR) 53.243

FILE COPY

In the first sentence of B.2, <u>Estimated Cost</u>, the total estimated cost is increased by \$3,997,760 from \$5,997,941 to \$9,995,701. As a consequence, the first sentence of B.2 now reads as follows:

"The total estimated cost for complete performance of this contract is \$9,995,701."

II. In the first sentence of B.3, <u>Contract Funding</u>, the total amount allotted is increased by \$774,500 from \$5,382,587 to \$6,157,087. As a consequence, the first sentence of B.3 now reads as follows:

"For purposes of payment of cost, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$6,157,087.

III. In F.1, <u>Period of Performance – Task Assignments</u>, the period of issuance of task assignments is increased by 24 months from 36 months to 60 months after the effective date of the contract. As a consequence, F.1(a) now reads as follows:

"The period of issuance of task assignments is 60 months from the effective date of this contract."

* * * * * * * * * *

	Base Period/		
	Cost (No Fee)	Funded to-Date	Applic. Task(s)
Basic Contract	\$5,997,941	\$ 673,587	Tasks 1 & 2
Mod. No. 1	0	60,000	Task 3
Mod. No. 2	0	474,000	Task 4
Mod. No. 3	0	250,000	Task 5
Mod. No. 4	0	263,000	Tasks 2 & 6
Mod. No. 5	0	54,500	Tasks 7 & 8
Mod. No. 6	0	1,370,000	Tasks 1,2,4,5,6 & 8
Mod. No. 7	0	51,500	Task 7
Mod. No. 8	0	200,000	Task 2
Mod. No. 9	0	170,000	Tasks 5 & 7
Mod. No. 10	0	200,000	Task 6
Mod. No. 11	0	100,000	Task 9
Mod. No. 12	0	0	N/A
Mod. No. 13	0	381,000	Tasks 4, 5, 8 & 10
Mod. No. 14	0	100,000	Task 2
Mod. No. 15	0	-200,000	Tasks 4, 9, 10
Mod. No. 16	0	200,000	Tasks 4, 9, 10
Mod. No. 17	0	1,035,000	Tasks 1, 2, 4, 5, 6, 8
By this Mod. No. 18	3,997,760	<u>774,500</u>	Tasks 2, 5, 8, 9, 10
Totals	\$9,995,701	\$6,157,087	

PR:	DF.1358;	R23982;	\$50,000	(Complete)	(Task 2, rev.)
PR:	DF.1358;	R22187;	\$318,000	(Complete)	(Task 2, rev.)
PR:	DFC.3688;	H2321A;	\$22,500	(Complete)	(Task 5, rev.)
PR:	DFC.3686;	H2331A;	\$109,000	(Complete)	(Task 9, rev.)
PR:	DFC.3687;	H2331A;	\$275,000	(Complete)	(Task 10, rev.)
Total (Obligation this N	lod . No.	\$774,500		
18:	_				

	OMB Approval #: 2700-u042					
				CONTRACT ID CODE	PAGE OF PAGES	
	NDMENT OF SOLICITATION/M				1 2	
2. AME	NDMENT/MODIFICATION NO. 19	JAN 2 6 1999	See E	ON/PURCHASE REQ. NO. Block 12 below.	5. PROJECT NO. (If applicable)	
6. ISSL	JED BY CODE		7. ADMINISTI	ERED BY (If other than Item 6)	CODE	
La	ational Aeronautics and Space Adm anlgey Research Center ampton, VA 23681-0001	inistration				
8. NAM	ME AND ADDRESS OF CONTRACTOR (No.,	street, county, State, and Zip Coo	de) (x)	9A. AMENDMENT OF SOLICIT	TATION NO.	
A [·] P	oeing Commercial Airplane ttn: Ms. Shinko Wiles, MS . O. Box 3707 eattle, WA 98124-2207			9B. DATED (SEE ITEM 11) 10A. MODIFICATION OF CON NAS1-97040	TRACT/ORDER NO.	
			X			
				10B. DATED (SEE ITEM 13)		
CODE	FACIL	ITY CODE		1/10/97		
	11 THIS ITE	M ONLY APPLIES TO	AMENDME	NTS OF SOLICITATION	S	
П,	The above numbered solicitation is amended a				ended, is not extended.	
By sept THE PI virtue of to the s	arate letter or telegram which includes a refere LACE DESIGNATED FOR THE RECEIPT OF of this amendment you desire to change an offe solicitation and this amendment, and is receive COUNTING AND APPROPRIATION DATA (IP). The DFB.3880; H2342S; \$7	ence to the solicitation and amend OFFERS PRIOR TO THE HOUSer already submitted, such changed prior to the opening hour and diffequired) 4,000 (Complete) PLIES ONLY TO MOD THE CONTRACT/ORD	Indicate the control of the control	FAILURE OF YOUR ACKNOWLES ECIFIED MAY RESULT IN REJECT by telegram or letter, provided each vised) S OF CONTRACTS/OR DESCRIBED IN ITEM 1	DERS,	
X	B THE ABOVE NUMBERED CONTRACT	ORDER IS MODIFIED TO REFL	ECT THE ADMI	NISTRATIVE CHANGES (such as	changes in paying office,	
	appropriation date, etc.) SET FORTH IN ITE					
	C. THIS SUPPLEMENTAL AGREEMENT	IS ENTERED INTO PURSUANT	TO AUTHORITE	Or.		
	D. OTHER (Specify type of modification an	d authority)				
E. IM	IPORTANT: Contractor ⊠is not, ☐ is	required to sign this docume	ent and return _	copies to the issuing	office.	
T O	ESCRIPTION OF AMENDMENT/MODIFICATION TO AMENDMENT/MODIFICATION TO PURPOSE OF THIS MODIFICATION THE CONTROL OF T	ation is to increase tract Schedule is re (CONTINUED ON of the document referenced in Iter	the allotte evised as f N ATTACH m 9A or 10A, as h 16A. NAME A	d funding by \$74,00 follows:	00. As a result	
15B. (CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	BY C	STATES OF AMERICA TALLY January Ignature of Contracting Officer)	16C. DATE SIGNED 1 - 26 - 99	
NSN 7	7540-01-152-8070	30)-105		RD FORM 30 (Rev. 10-83)	

PREVIOUS EDITION UNUSABLE

Prescribed by GSA FAR (48 CFR) 53.243



In the first sentence of B.3, <u>Contract Funding</u>, the total amount allotted is increased by \$74,000 from \$6,157,087 to \$6,231,087. As a consequence, the first sentence of B.3 now reads as follows:

"For purposes of payment of cost, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$6,231,087.

	Base Period/ Cost (No Fee)	Funded to-Date	Applic. Task(s)
Basic Contract	\$5,997,941	\$ 673,587	Tasks 1 & 2
Mod. No. 1	0	60,000	Task 3
Mod. No. 2	0	474,000	Task 4
Mod. No. 3	0	250,000	Task 5
Mod. No. 4	0	263,000	Tasks 2 & 6
Mod. No. 5	0	54,500	Tasks 7 & 8
Mod. No. 6	0	1,370,000	Tasks 1,2,4,5,6 & 8
Mod. No. 7	0	51,500	Task 7
Mod. No. 8	0	200,000	Task 2
Mod. No. 9	0	170,000	Tasks 5 & 7
Mod. No. 10	0	200,000	Task 6
Mod. No. 11	0	100,000	Task 9
Mod. No. 12	0	0	N/A
Mod. No. 13	0	381,000	Tasks 4, 5, 8 & 10
Mod. No. 14	0	100,000	Task 2
Mod. No. 15	0	-200,000	Tasks 4, 9, 10
Mod. No. 16	0	200,000	Tasks 4, 9, 10
Mod. No. 17	0	1,035,000	Tasks 1, 2, 4, 5, 6, 8
Mod. No. 18	3,997,760	774,500	Tasks 2, 5, 8, 9, 10
By this Mod. No. 19	0	74,000	Task 7
Totals	\$9,995,701	\$6,231,087	

**************************************		OMB A	pproval #: 2700-0042		
AMENDMENT OF SOLICITATION	MODIFICATION OF CO	NTRACT	1. CONTRACT ID CODE	PAGE 0	OF PAGES
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	I	ON/PURCHASE REQ. NO.	5. PROJECT NO	. (If applicable)
20	AUG 2 5 1999		Page 2 of 2.]	
6. ISSUED BY CODE		7. ADMINIST	ERED BY (If other than item 6)	CODE	
National Aeronautics and Space Ad Lanlgey Research Center Hampton, VA 23681-0001	ministration				
8. NAME AND ADDRESS OF CONTRACTOR (No	., street, county, State, and Zip Coo	(x)	9A. AMENDMENT OF SOLICI	ITATION NO.	
Doning Communicat Aircles	0				
Boeing Commercial Airplar	•				
Attn: Ms. Shinko Wiles, MS	3 76-67		9B. DATED (SEE ITEM 11)		
P. O. Box 3707					
Seattle, WA 98124-2207			10A. MODIFICATION OF CON	NTRACT/ORDER NO	ō.
			NAS1-97040		
		Х			
±			10B. DATED (SEE ITEM 13)	· · · · · · · · · · · · · · · · · · ·	
CODE FAC	ILITY CODE		1/10/97		
11. THIS ITE	EM ONLY APPLIES TO A	MENDMEN			******
The above numbered solicitation is amended					
Offers must acknowledge receipt of this amendmen	t prior to the hour and date specified	nd date specified d in the solicitation	for receipt or Offers is ext n or as amended, by one of the fo	tended, is no	ot extended.
				-	
(a) By completing Items 8 and 15, and returning By separate letter or telegram which includes a refe	rence to the solicitation and amend	ment numbers. F	AILURE OF YOUR ACKNOWLE	DOCEMENT TO BE	DECENIED AT
THE PLACE DESIGNATED FOR THE RECEIPT O virtue of this amendment you desire to change an o	F OFFERS PRIOR TO THE HOUR	AND DATE SPE	CIFIED MAY RESULT IN REJEC	CTION OF YOUR O	EEED IFM
to the solicitation and this amendment, and is received	ed prior to the opening hour and da	te specified.	r telegram or letter, provided each	i telegram or letter n	nakes reference
12. ACCOUNTING AND APPROPRIATION DATA See Page 2 of 2.	(If required)				
13. THIS ITEM A	PPLIES ONLY TO MODI	FICATIONS	OF CONTRACTS/OR	DERS,	
(x) A. THIS CHANGE ORDER IS ISSUED P	THE CONTRACT/ORDI	ER NO. AS I	DESCRIBED IN ITEM 1	14.	
NO. IN ITEM 10A.	OKSOANT TO: (Specify authority)	THE CHANGES	SELFORTH IN ITEM 14 ARE M	ADE IN THE CONT	RACT ORDER
B. THE ABOVE NUMBERED CONTRAC appropriation date, etc.) SET FORTH IN IT	T/ORDER IS MODIFIED TO REFLE	ECT THE ADMIN	ISTRATIVE CHANGES (such as	changes in paying (office,
C. THIS SUPPLEMENTAL AGREEMENT					
D. OTHER (Specify type of modification a					
E. IMPORTANT: Contractor Sis not, Sis	required to sign this documer	nt and return _	copies to the issuing of	office.	
14. DESCRIPTION OF AMENDMENT/MODIFICAT					
The purpose of this modific	ation is to increase t	ne allotted	i tunaing by \$215,0	iuu. As a re	sult
of this modification, the cor	itract Schedule is rev	/ised as to	ollows:		
	(CONTINUED ON	ATTACH	ED PAGE)		
Except as provided herein, all terms and conditions 15A. NAME AND TITLE OF SIGNER (Type or print)	of the document referenced in Item	9A or 10A, as he	retofore changed, remains uncha	inged and in full force	e and effect.
TOTAL TARRETTING THEE OF GRONEL CLTYPE OF PHILE	,		D TITLE OF CONTRACTING OF M. Hilstrom	FICER (Type or pri	nt)
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNTED S	TATES OF AMERICA	1:00:00	TE 0101/20
	IOS. DATE SIGNED	~X4 -	TATES OF AMERICA	16C. DA	TE SIGNED
(Signature of person authorized to sign)		BY Sign	regn 11. Julia	man 8.	25-99
NSN 7540-01-152-8070	30-1		nature of Contracting Officer)		
PREVIOUS EDITION UNUSABLE	3001	- +	S I ANDAN	RD FORM 30 (Re	14. 10-03)

In the first sentence of B.3, <u>Contract Funding</u>, the total amount allotted is increased by \$215,000 from \$6,231,087 to \$6,446,087. As a consequence, the first sentence of B.3 now reads as follows:

"For purposes of payment of cost, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$6,446,087.

NASA Contract NAS1-97040 Tabulation Summary

e e e e e e e e e e e e e e e e e e e	Base Period/ Cost (No Fee)	Funded to-Date	Applic, Task(s)
Basic Contract	\$5,997,941	_ \$ 673,587	Tasks 1 & 2
Mod. No. 1	0	60,000	Task 3
Mod. No. 2	. 0	474,000	Task 4
Mod. No. 3	0	250,000	Task 5
Mod. No. 4	0	263,000	Tasks 2 & 6
Mod. No. 5	0	54,500	Tasks 7 & 8
Mod. No. 6	0	1,370,000	Tasks 1,2,4,5,6 & 8
Mod. No. 7	0	51,500	Task 7
Mod. No. 8	0	200,000	Task 2
Mod. No. 9	0	170,000	Tasks 5 & 7
Mod. No. 10	0	200,000	Task 6
Mod. No. 11	0	100,000	Task 9
Mod. No. 12	0	0	N/A
Mod. No. 13	0	381,000	Tasks 4, 5, 8 & 10
Mod. No. 14	0	100,000	Task 2
Mod. No. 15	0	-200,000	Tasks 4, 9, 10
Mod. No. 16	0	200,000	Tasks 4, 9, 10
Mod. No. 17	0	- 1,035,000	Tasks 1, 2, 4, 5, 6, 8
Mod. No. 18	3,997,760	774,500	Tasks 2, 5, 8, 9, 10
Mod. No. 19	0	74,000	Task 7
By this Mod. No. 20	0	215,000	Tasks 1 and 8
Totals	\$9,995,701	\$6,446,087	

BLOCK 12. ACCOUNTING AND APPROPRIATION DATA

PR: RBF.1008; H2342S; \$150,000 (Complete) (Task 1, rev.) PR: OEB.1004; R22801; \$65,000 (Complete) (Task 8, rev.)

Total Obligation this Mod . No. 20: \$215,000

OMB Approval #: 20042						
AMENDATA	IT OF COLICITATION/MOD	NEICATION OF COL	NTDACT	CONTRACT ID CODE	_	OF PAGES
	TOF SOLICITATION/MODIFICATION NO. 3. I	FFECTIVE DATE		ON/PURCHASE REQ. NO.	1	<u>2</u> _
2. AMENDMENT	21	EFFECTIVE DATE		Page 2 of 2.	5. PROJECT N	J. (IT арриса _б .,
6. ISSUED BY	CODE			ERED BY (If other than Item 6)	CODE	
	<u> </u>		1		L	
National A	Aeronautics and Space Admini	stration				
	Lesearch Center					
Hampton,	VA 23681-0001					
8 NAME AND AL	DDRESS OF CONTRACTOR (No., street	et county State and Zio Cod	(x)	9A. AMENDMENT OF SOLICI	ITATION NO	
O. NAME AND A	DDINESS OF CONTINUE, SILV	si, county, clate, and Lip cou	(^)	or rungitalization occion		
Roeina	Commercial Airplane G	Group				
	s. Shinko Wiles, MS 76	•		9B. DATED (SEE ITEM 11)		
	s. 37111ko vviies, ivis 70 ox 3707	-07				
			<u> </u>	10A. MODIFICATION OF COM	NTRACT/ORDER	NO.
Seattle,	WA 98124-2207		İ	İ		
				NAS1-97040		
		•	X			
				10B. DATED (SEE ITEM 13)		
CODE	FACILITY	CODE		1/10/97		
	11. THIS ITEM (ONLY APPLIES TO A	AMENDME	NTS OF SOLICITATION	NS	
	numbered solicitation is amended as se					not extended.
Offers must acknow	owledge receipt of this amendment prior	to the hour and date specified	d in the solicitation	on or as amended, by one of the fo	ollowing methods:	
(a) By completing	Items 8 and 15, and returning co	pies of the amendment; (b) B	y acknowledging	receipt of this amendment on ea	ch copy of the offe	r submitted; or (c)
	or telegram which includes a reference SIGNATED FOR THE RECEIPT OF OFF					
	ndment you desire to change an offer all and this amendment, and is received pri			y telegram or letter, provided each	h telegram or lette	r makes reference
	IG AND APPROPRIATION DATA (If rec		ite specificu.			
See Pa	ge 2 of 2.					
				S OF CONTRACTS/OR	·	
				DESCRIBED IN ITEM		
	S CHANGE ORDER IS ISSUED PURSU TEM 10A.	IANT TO: (Specify authority)	THE CHANGES	SET FORTH IN ITEM 14 ARE N	MADE IN THE CO	VIRACI ORDER
	ABOVE NUMBERED CONTRACT/OR				s changes in payin	g office,
appropr	iation date, etc.) SET FORTH IN ITEM 1					
C. THIS	S SUPPLEMENTAL AGREEMENT IS E	NTERED INTO PURSUANT	TO AUTHORITY	OF:		
D. OTH	IER (Specify type of modification and au	thority)				
E. IMPORTAN	IT: Contractor ⊠is not, ☐ is req ON OF AMENDMENT/MODIFICATION	uired to sign this docume	nt and return _	copies to the issuing	office.	
	rpose of this modification	•	-	•		•
•	nodification, the contra			• •	000. As a	esuit
OI IIIIS I	nodification, the contra	ct Scriedule is re	viseu as i	UllUWS.		
	,		ATTAGU	(ED DAGE)		
Event as poside) ed herein, all terms and conditions of the	CONTINUED ON		•	anged and in full fr	area and affect
	TITLE OF SIGNER (Type or print)	document referenced in heir		ND TITLE OF CONTRACTING O		
				H. Jones	,	
15B. CONTRAC	TOR/OFFEROR	15C. DATE SIGNED	16B. UNITED	STATES OF AMERICA	16C. E	DATE SIGNED
			BY X	wirdst. Somes	111-	17-99
	re of person authorized to sign)			gnature of Contracting Officer)		, , ((
NISNI 7640 01 16	2 80.70	20	40E	0-11-1	DO CODE CO	O 40 00\

NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE

In the first sentence of B.3, <u>Contract Funding</u>, the total amount allotted is increased by \$247,000 from \$6,446,087 to \$6,693,087. As a consequence, the first sentence of B.3 now reads as follows:

"For purposes of payment of cost, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$6,693,087.

NASA Contract NAS1-97040 Tabulation Summary

	Base Period/	Foundad to Date	Angle Task(-)
	Cost (No Fee)	Funded to-Date	Applic. Task(s)
Basic Contract	\$5,997,941	\$ 673,587	Tasks 1 & 2
Mod. No. 1	0	60,000	Task 3
Mod. No. 2	0 .	474,000	Task 4
Mod. No. 3	0	250,000	Task 5
Mod. No. 4	0	263,000	Tasks 2 & 6
Mod. No. 5	0	54,500	Tasks 7 & 8
Mod. No. 6	0	1,370,000	Tasks 1,2,4,5,6 & 8
Mod. No. 7	0	51,500	Task 7
Mod. No. 8	0	200,000	Task 2
Mod. No. 9	0	170,000	Tasks 5 & 7
Mod. No. 10	0	200,000	Task 6
Mod. No. 11	0	100,000	Task 9
Mod. No. 12	0	0	N/A
Mod. No. 13	0	381,000	Tasks 4, 5, 8 & 10
Mod. No. 14	0	100,000	Task 2
Mod. No. 15	0	-200,000	Tasks 4, 9, 10
Mod. No. 16	0	200,000	Tasks 4, 9, 10
Mod. No. 17	0	1,035,000	Tasks 1, 2, 4, 5, 6, 8
Mod. No. 18	3,997,760	774,500	Tasks 2, 5, 8, 9, 10
Mod. No. 19	0	74,000	Task 7
Mod. No. 20	0	215,000	Tasks 1 and 8
By this Mod. No. 21	0	247,000	Tasks 5 and 6
Totals	\$9,995,701	\$6,693,087	

BLOCK 12. ACCOUNTING AND APPROPRIATION DATA

PR: RBE.1017; R24606; \$120,000 (Complete) (Task 5, rev.) PR: RBE.1015; R24606; \$127,000 (Complete) (Task 6, rev.)

Total Obligation this Mod . No. 21: \$247,000

OMB Approval #: 2700-0u41 1. CONTRACT ID CODE PAGE OF PAGES AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT 5. PROJECT NO. (If applicable) 2. AMENDMENT/MODIFICATION NO. 3. EFFECTIVE DATE 4. REQUISITION/PURCHASE REQ. NO. RBE.1027 22 7. ADMINISTERED BY (If other than Item 6) CODE CODE 6. ISSUED BY National Aeronautics and Space Administration Lanlgey Research Center Hampton, VA 23681-0001 8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) 9A. AMENDMENT OF SOLICITATION NO. 9B. DATED (SEE ITEM 11) Boeing Commercial Airplane Group Attn: Mr. Brent Mudgett, MS 76-67 10A. MODIFICATION OF CONTRACT/ORDER NO. P. O. Box 3707 NAS1-97040 Seattle, WA 98124-2207 \mathbf{X} 10B. DATED (SEE ITEM 13) FACILITY CODE CODE 1/10/97 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) (a) By completing Items 8 and 15, and returning By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified. 12. ACCOUNTING AND APPROPRIATION DATA (If required) PR: RBE.1027; R24605; \$250,000 (Complete) Task 11 (new) 13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14. A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER (x) NO IN ITEM 10A X B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: D. OTHER (Specify type of modification and authority) E. IMPORTANT: Contractor Sis not, is required to sign this document and return copies to the issuing office. 14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) The purpose of this modification is to increase the allotted funding by \$250,000. As a result of this modification, the contract Schedule is revised as follows:

(CONTINUED ON ATTACHED PAGE)

11011 7540 04 450 0070	20	CTANDADD F	DD## 20 (Dov. 10 02)		
(Signature of person authorized to sign)]	(Signature of Contracting Officer)			
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	BY Larry by Sonles	16C. DATE SIGNED		
		David H. Jones			
15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)			
Except as provided herein, all terms and conditions of the	document referenced in Iter	m 9A or 10A, as heretofore changed, remains unchanged a	and in full force and effect.		

NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE Prescribed by GSA FAR (48 CFR) 53.243

In the first sentence of B.3, <u>Contract Funding</u>, the total amount allotted is increased by \$250,000 from \$6,693,087 to \$6,943,087. As a consequence, the first sentence of B.3 now reads as follows:

"For purposes of payment of cost, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$6,943,087.

	Base Period/		
	Cost (No Fee)	Funded to-Date	Applic. Task(s)
		A 000 000	-
Basic Contract	\$5,997,941	\$ 673,587	Tasks 1 & 2
Mod. No. 1	0	60,000	Task 3
Mod. No. 2	0	474,000	Task 4
Mod. No. 3	0	250,000	Task 5
Mod. No. 4	0	263,000	Tasks 2 & 6
Mod. No. 5	0	54,500	Tasks 7 & 8
Mod. No. 6	0	1,370,000	Tasks 1,2,4,5,6 & 8
Mod. No. 7	0	51,500	Task 7
Mod. No. 8	0	200,000	Task 2
Mod. No. 9	0	170,000	Tasks 5 & 7
Mod. No. 10	0	200,000	Task 6
Mod. No. 11	0	100,000	Task 9
Mod. No. 12	0	0	N/A
Mod. No. 13	0	381,000	Tasks 4, 5, 8 & 10
Mod. No. 14	0	100,000	Task 2
Mod. No. 15	0	-200,000	Tasks 4, 9, 10
Mod. No. 16	0	200,000	Tasks 4, 9, 10
Mod. No. 17	0	1,035,000	Tasks 1, 2, 4, 5, 6, 8
Mod. No. 18	3,997,760	774,500	Tasks 2, 5, 8, 9, 10
Mod. No. 19	, , 0	74,000	Task 7
Mod. No. 20	0	215,000	Tasks 1 and 8
Mod. No. 21	0	247,000	Tasks 5 and 6
By this Mod. No. 22	0	250,000	Task 11
Totals	\$9,995,701	\$6,943,087	

			· · · · · · · · · · · · · · · · · · ·			1. CONTRACT ID CODE		PAGE OF	PAGES
AME	NDMENT OF SOLICITATION	N/MOD	IFICATION OF CO	NTRAC	Г			1	2
	NDMENT/MODIFICATION NO. 23	3. EI	AR 2 0 2000	4. REQUISITION/PURCHASE REQ. NO. 5. PROJECT NO. (If applicable See Page 2.			(If applicable)		
6. ISSL				7. ADMII		RED BY (If other than Item 6)	COD	E	
Na La	ntional Aeronautics and Space Anlgey Research Center ampton, VA 23681-0001	Adminis	tration						
8. NAM	E AND ADDRESS OF CONTRACTOR (No., street	, county, State, and Zip Cod	e)	(x)	9A. AMENDMENT OF SOLICE	TATION	NO.	
A	oeing Commercial Airplattn: Mr. Brent Mudgett, I . O. Box 3707					9B. DATED (SEE ITEM 11)			
S	eattle, WA 98124-2207					10A. MODIFICATION OF COM	NTRACT/	ORDER NO).
0	eattic, v /\ 30121 2201				v	NAS1-97040	•.		
					X	10B. DATED (SEE ITEM 13)			
CODE	F	ACILITY C	ODE			1/10/97			
	11. THIS I	ТЕМ О	NLY APPLIES TO A	MENDI	MEN	ITS OF SOLICITATION	NS		
Offers r	The above numbered solicitation is amendation and the above numbered solicitation is amendation.	ded as set nent prior to	forth in Item 14. The hour are the hour and date specified	nd date spe d in the solid	cified	for receipt of Offers is ex n or as amended, by one of the fo	tended, ollowing r	nethods:	t extended.
(a) By completing Items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified. 12. ACCOUNTING AND APPROPRIATION DATA (If required)									
						OF CONTRACTS/OR		,	
	IT MODIFIE A. THIS CHANGE ORDER IS ISSUED	ES THE	CONTRACT/ORDI	ER NO.	AS	DESCRIBED IN ITEM	14.	THE CONT	PACT OPDER
(x)	NO. IN ITEM 10A.	PURSU	ANT TO: (Specify authority)	THE CHAI	NGES	SELFORTH INTIEM 14 ARE N	ADE IN	THE CONT	OCT ONDER
X	B. THE ABOVE NUMBERED CONTR appropriation date, etc.) SET FORTH I	ACT/ORD N ITEM 14	ER IS MODIFIED TO REFLI , PURSUANT TO THE AUT	ECT THE A HORITY O	IE ADMINISTRATIVE CHANGES (such as changes in paying office, Y OF FAR 43.103(b).				
	C. THIS SUPPLEMENTAL AGREEME	ENT IS EN	TERED INTO PURSUANT	TO AUTHO	RITY	OF:			
	D. OTHER (Specify type of modification	on and auti	nority)	• • •					
E. IM	PORTANT: Contractor Sis not,] is requ	ired to sign this docume	nt and retu	urn _	copies to the issuing	office.		
Т	SCRIPTION OF AMENDMENT/MODIFIC he purpose of this modi f this modification, the c	ficatio	n is to increase t	he allo	otte	d funding by \$1,140			result
Excent	as provided herein, all terms and condition	(Cons of the	CONTINUED ON	ATTA	CH	ED PAGE) eretofore changed, remains unch	anged an	d in full force	e and effect.
	IAME AND TITLE OF SIGNER (Type or)			16A. NAI	ME AI	ND TITLE OF CONTRACTING O H. Jones			
15B. C	CONTRACTOR/OFFEROR		15C. DATE SIGNED	16B. UN	ITED	STATES OF AMERICA			TE SIGNED
	(Signature of person authorized to sign,	<u> </u>		BY _2	<u> </u>	ard J. Jones gnature of Contracting Officer)		<i>∃ 3 ~</i> ,	20-00
	(orginature or person authorized to sign)	1		L	, 50	,			

NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE 30-105



In the first sentence of B.3, <u>Contract Funding</u>, the total amount allotted is increased by \$1,140,000 from \$6,943,087 to \$8,083,087. As a consequence, the first sentence of B.3 now reads as follows:

"For purposes of payment of cost, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$8,083,087.

NASA Contract NAS1-97040 Tabulation Summary

		Base Period Cost (No Fe		Funded to-Date	Applic, Task(s)
Basic Contract	:	\$5,997,94	41	\$ 673,587	Tasks 1 & 2
Mod. No. 1		4-,,-	0	60,000	Task 3
Mod. No. 2			0	474,000	Task 4
Mod. No. 3			0	250,000	Task 5
Mod. No. 4			0	263,000	Tasks 2 & 6
Mod. No. 5			0	54,500	Tasks 7 & 8
Mod. No. 6			0	1,370,000	Tasks 1,2,4,5,6 & 8
Mod. No. 7			0	51,500	Task 7
Mod. No. 8			0	200,000	Task 2
Mod. No. 9			0	170,000	Tasks 5 & 7
Mod. No. 10			0	200,000	Task 6
Mod. No. 11			0	100,000	Task 9
Mod. No. 12			0	0	N/A
Mod. No. 13			0	381,000	Tasks 4, 5, 8 & 10
Mod. No. 14			0	100,000	Task 2
Mod. No. 15			0	-200,000	Tasks 4, 9, 10
Mod. No. 16			0	200,000	Tasks 4, 9, 10
Mod. No. 17			0	1,035,000	Tasks 1, 2, 4, 5, 6, 8
Mod. No. 18		3,997,7	60	774,500	Tasks 2, 5, 8, 9, 10
Mod. No. 19			0	74,000	Task 7
Mod. No. 20			0	215,000	Tasks 1 and 8
Mod. No. 21			0	247,000	Tasks 5 and 6
Mod. No. 22			0	250,000	Task 11
By this Mod. I	No. 23		<u> </u>	1,140,000	Tasks 1,2,7,12,13,14
Totals		\$9,995,7	01	\$8,083,087	
BLOCK 12	ACCOUNTIN	IG AND APPROP	PRIATION DA	ΤΑ	
	RBF.1048;	R24597;	\$180,000	(Complete)	(Task 1, rev.)
	RBF.1048;	R26081;	\$50,000	(Complete)	(Task 1, rev.)
	RBC.1017;	R24600;	\$40,000	(Complete)	(Task 2, rev.)
	RBC.1018;	R26080;	\$75,000	(Complete)	(Task 2, rev.)
	RBC.1019;	R26080;	\$150,000	(Complete)	(Task 2, rev.)
	RBC.1020;	R26080;	\$95,000	(Complete)	(Task 2, rev.)
	RBF.1049;	R26081;	\$60,000	(Complete)	(Task 7, rev.)
	RBE.1033;	R26080;	\$140,000	(Complete)	(Task 12, new)
	RBC.1025;	R26080;	\$150,000	(Complete)	(Task 13, new)
	RBF.1050;	R26081;	\$200,000	(Complete)	(Task 14, new)
Total Obliga	tion this Mod.	No. 23:	\$1,140,000		

Page 2 of 2 NAS1-97040 Modification No. 23

	OMB Approval #: 2/00-0042							
A 1.	IDMENT OF COLICITATION	MODIFICATION OF CO	NITO A OT	1. CONTRACT ID CODE		PAGE O	F PAGES	
	NDMENT OF SOLICITATION					1	2	
2. AME	NDMENT/MODIFICATION NO. 24	3. EFFECTIVE DATE JUN 2 7 2000		ON/PURCHASE REQ. NO. RBF.1077	5. PROJ	ECT NO.	(If applicable)	
6. ISSU			•	ERED BY (If other than Item 6)	CODE			
						<u> </u>		
Na	itional Aeronautics and Space A	dministration						
	nlgey Research Center		1					
Ha	impton, VA 23681-0001							
							- 10	
8. NAM	E AND ADDRESS OF CONTRACTOR (N	o., street, county, State, and Zip Co	de) (x)	9A. AMENDMENT OF SOLIC	CITATION NO) .		
_								
	peing Commercial Airpla	•						
A	ttn: Mr. Brent Mudgett, M	IS 76-67	1	9B. DATED (SEE ITEM 11)				
Ρ.	. O. Box 3707							
S	eattle, WA 98124-2207			10A. MODIFICATION OF CONTRACT/ORDER NO.				
	•			NAS1-97040				
			X					
			^	10B. DATED (SEE ITEM 13)				
CODE	[FA	CILITY CODE						
			44515145	1/10/97	NO.		 	
	11. IHIS II	EM ONLY APPLIES TO	AMENDME	NTS OF SOLICITATIO	NS			
	he above numbered solicitation is amende nust acknowledge receipt of this amendme				extended,		t extended.	
Offers	nust acknowledge receipt of this amendme	and prior to the riour and date specific	ed in the solicitation	on or as amended, by one or the	ronowing me	uious.		
	ompleting Items 8 and 15, and returning trate letter or telegram which includes a ref							
	ACE DESIGNATED FOR THE RECEIPT							
	f this amendment you desire to change an olicitation and this amendment, and is rece			y telegram or letter, provided ea	ch telegram	or letter m	akes reference	
	COUNTING AND APPROPRIATION DATA			· · · · · · · · · · · · · · · · · · ·				
P	R: RBF.1077; R26092; \$							
		APPLIES ONLY TO MOD			•			
	IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.							
(x) A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORD NO. IN ITEM 10A.						RACTORDER		
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office,							
	appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).							
	C. THIS SUPPLEMENTAL AGREEMEN	NT IS ENTERED INTO PURSUANT	TO AUTHORITY	OF:				
	D. OTHER (Specify type of modification	and authority)					,	
E. IMI	PORTANT: Contractor 🗵 is not, 🗌	is required to sign this docume	ent and return _	copies to the issuin				
	SCRIPTION OF AMENDMENT/MODIFICA							
	he purpose of this modifi			~ .	,000. A	s a re	esult	
of this modification, the contract Schedule is revised as follows:								
		(CONTINUED OF	N ATTACH	IED PAGE)				
Except	as provided herein, all terms and condition				hanged and	in full forc	e and effect.	
	AME AND TITLE OF SIGNER (Type or pr	16A. NAME A	ND TITLE OF CONTRACTING					
			David	H. Jones				
							<u>,</u>	
15B. C	ONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED	STATES OF AMERICA		16C. DA	TE SIGNED	
			BY X	Tavid H. b	mes	6-2	7-00	
	(Signature of person authorized to sign)		(Si	gnature of Contracting Officer)		-	, 00	

NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE



30-105

In the first sentence of B.3, <u>Contract Funding</u>, the total amount allotted is increased by \$100,000 from \$8,083,087 to \$100,000. As a consequence, the first sentence of B.3 now reads as follows:

"For purposes of payment of cost, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$8,183,087.

	Base Period/ Cost (No Fee)	Funded to-Date	Applic, Task(s)
	•••		
Basic Contract	\$ 5,997, 94 1	\$ 673,587	Tasks 1 & 2
Mod. No. 1	0	60,000	Task 3
Mod. No. 2	0	474,000	Task 4
Mod. No. 3	0	250,000	Task 5
Mod. No. 4	0	263,000	Tasks 2 & 6
Mod. No. 5	0	54,500	Tasks 7 & 8
Mod. No. 6	0	1,370,000	Tasks 1,2,4,5,6 & 8
Mod. No. 7	0	51,500	Task 7
Mod. No. 8	0	200,000	Task 2
Mod. No. 9	0	170,000	Tasks 5 & 7
Mod. No. 10	0	200,000	Task 6
Mod. No. 11	0	100,000	Task 9
Mod. No. 12	0	0	N/A
Mod. No. 13	0	381,000	Tasks 4, 5, 8 & 10
Mod. No. 14	0	100,000	Task 2
Mod. No. 15	0	-200,000	Tasks 4, 9, 10
Mod. No. 16	0	200,000	Tasks 4, 9, 10
Mod. No. 17	0	1,035,000	Tasks 1, 2, 4, 5, 6, 8
Mod. No. 18	3,997,760	774,500	Tasks 2, 5, 8, 9, 10
Mod. No. 19	0	74,000	Task 7
Mod. No. 20	0	215,000	Tasks 1 and 8
Mod. No. 21	0	247,000	Tasks 5 and 6
Mod. No. 22	0	250,000	Task 11
Mod. No. 23	0	1,140,000	Tasks 1,2,7,12,13,14
By this Mod. No. 24	0	100,000	Task 16
Totals	\$9,995,701	\$8,183,087	

AMEN	IDMENT OF SOLICITATION/N	ODIFICATION OF COL	NTRACT	1. CONTRACT ID CODE	PAGI	OF PAGES			
2. AMÉNDMENT/MODIFICATION NO. 3. EFFECTIVE DATE 4. REQ				ION/PURCHASE REQ. NO. 5. PROJECT NO. (If applications)					
	25	JUN 3 0 2080	RBC.1031						
6. ISSUI	ED BY CODE		7. ADMINIS	TERED BY (If other than Item 6)	CODE				
Lar	tional Aeronautics and Space Adm algey Research Center mpton, VA 23681-0001	ninistration							
8. NAME	AND ADDRESS OF CONTRACTOR (No.,	street, county, State, and Zip Cod	e) (x)	9A. AMENDMENT OF SOLIC	ITATION NO.				
Boeing Commercial Airplane Group Attn: Mr. Brent Mudgett, MS 76-67 P. O. Box 3707				9B. DATED (SEE ITEM 11)					
	eattle, WA 98124-2207			10A. MODIFICATION OF COL	10A. MODIFICATION OF CONTRACT/ORDER NO.				
	,		x	NAS1-97040					
	1.500	TV 0005		10B. DATED (SEE ITEM 13)					
CODE		LITY CODE	LASTIDATE	1/10/97 ENTS OF SOLICITATION	1/10/97				
 _									
Offers m (a) By co By separ THE PL virtue of	The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended, is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.								
-	12. ACCOUNTING AND APPROPRIATION DATA (If required) PR: RBC.1031; R24960; \$41,000 (Complete) Task 15 (new)								
				IS OF CONTRACTS/OF	RDERS,				
				DESCRIBED IN ITEM		NETT A CENTER			
(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.								
X	B. THE ABOVE NUMBERED CONTRACT appropriation date, etc.) SET FORTH IN IT	EM 14, PURSUANT TO THE AUT	HORITY OF FA	AR 43.103(b).	s changes in payi	ng office,			
	C. THIS SUPPLEMENTAL AGREEMENT	IS ENTERED INTO PURSUANT	TO AUTHORIT	Y OF:					
	D. OTHER (Specify type of modification a								
E. IMP	ORTANT: Contractor is not, is	required to sign this docume	nt and return	copies to the issuing	office.	.)			
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) The purpose of this modification is to increase the allotted funding by \$41,000. As a result of this modification, the contract Schedule is revised as follows: (CONTINUED ON ATTACHED PAGE)									
Except	as provided herein, all terms and conditions	heretofore changed, remains unch							
15A. N	AME AND TITLE OF SIGNER (Type or print)		AND TITLE OF CONTRACTING C d H. Jones	FFICER (Type o	print)			
15B. C	ONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITE	D STATES OF AMERICA	1	DATE SIGNED			
	(Signature of garage suite and to since		BY O	Javra H. Hone	2 6	30-00			
	(Signature of person authorized to sign)		(Signature of Contracting Officer)					

OMB Approval #: 2700-0042

FILE COPY

In the first sentence of B.3, <u>Contract Funding</u>, the total amount allotted is increased by \$100,000 from \$8,183,087 to \$8,224,087. As a consequence, the first sentence of B.3 now reads as follows:

"For purposes of payment of cost, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$8,224,087.

	Base Period/ Cost (No Fee)	Funded to-Date	Applic, Task(s)
Basic Contract	\$ 5,997,941	\$ 673,587	Tasks 1 & 2
Mod. No. 1	0	60,000	Task 3
Mod. No. 2	· 0	474,000	Task 4
Mod. No. 3	0	250,000	Task 5
Mod. No. 4	0	263,000	Tasks 2 & 6
Mod. No. 5	0	54,500	Tasks 7 & 8
Mod. No. 6	0	1,370,000	Tasks 1,2,4,5,6 & 8
Mod. No. 7	0	51,500	Task 7
Mod. No. 8	0	200,000	Task 2
Mod. No. 9	0	170,000	Tasks 5 & 7
Mod. No. 10	0	200,000	Task 6
Mod. No. 11	0	100,000	Task 9
Mod. No. 12	0	0	N/A
Mod. No. 13	0	381,000	Tasks 4, 5, 8 & 10
Mod. No. 14	0	100,000	Task 2
Mod. No. 15	0	-200,000	Tasks 4, 9, 10
Mod. No. 16	0	200,000	Tasks 4, 9, 10
Mod. No. 17	0	1,035,000	Tasks 1, 2, 4, 5, 6, 8
Mod. No. 18	3,997,760	774,500	Tasks 2, 5, 8, 9, 10
Mod. No. 19	0	74,000	Task 7
Mod. No. 20	0	215,000	Tasks 1 and 8
Mod. No. 21	0	247,000	Tasks 5 and 6
Mod. No. 22	0	250,000	Task 11
Mod. No. 23	0	1,140,000	Tasks 1,2,7,12,13,14
Mod. No. 24	0	100,000	Task 16
By this Mod. No. 25	0	41,000	Task 15
Totals	\$9,995,701	\$8,224,087	