Unclassified	REPROG	RAMMIN	G ACTIC	N - PRIO	R APPRC)VAL		Page 1 of 7		
Subject: July 2020 Prior A	pproval R	equest					DoD Serial N			
Appropriation Title: Variou	is Appropr	iations					FY 20-1	2 PA		
Includes Tra Yes										
Component Serial Number:		(Amounts in Thousands of Dollars)								
		se Reflecting	U 0	Previously by Sec Def	Reprogram	ming Action	tion Revised Progr			
Line Item	Quantity	The second				Amount	Quantity	Amount		
2	b	с	d	e	f	g	h	i		
abcdetghiThis prior approval reprogramming action is submitted for approval because these actions use general or special transfer authority, exceed established reprogramming thresholds, affect special interest items, or indicate a new start. This reprogramming action provides funding in support of higher priority items, based on unforeseen military requirements, than those for which originally appropriated; and are determined to be necessary in the national interest. They meet all administrative and legal requirements, and none of the items have previously been denied by the Congress.Part Iof this reprogramming action transfers or realigns \$32.213 million among Fiscal Year (FY) 2020 Defense appropriations. This reprogramming action uses \$8.0 million of general transfer authority pursuant 										
Evaluation, Army, 19/20			PART	Ī						
FY 2020 REPROGRAM	IMING IN	ICREASE	S:			+32,213	94			
ARMY INCREASES					<u>+8,000</u>					
Research, Development, Budget Activity 05: Syst 0604798A Brigade Analy	em Develo	pment and	Demonstr Evaluation			<u>+8,000</u> +5,000		38,352		
Explanation: Funds are re bases, posts, stations, and ensure Army maintains of budget requirement.	ranges im	pacted by .	America's	Mid-Band	Institute T	<u>eam (AM</u>	BIT) 5G ac	ysis of tivities to		
Approved (Signature and Date)	<i>C</i> -	=1+=	_		8/7/202	0				
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Subject: July 2020 Prior A	pproval R	equest]	DoD Serial N	
Appropriation Title: Variou	is Appropr	iations					FY 20-1	2 PA
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Component Serial Number:			(A	mounts in Tho	usands of Dolla	rs)		
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Budget Activity 06: Man	-							
0604256A Threat Simula		-						
		41,566-		41,566-		+3,000		
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<u>Explanation</u> : Funds are respectively spectrum for Electronic V	1				0			
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electromagnetic spectrum	•	0 0	0			1		
will complete the effort.	-			-	intent is	a new pra	l'una uno	Tunung
		ube 01	10 10 10 10 10 10 10 10 10 10 10 10 10 1					
NAVY INCREASES						<u>+13,713</u>		
Research, Development.						<u>+13,713</u>		
Budget Activity 05: Syst))			
0604522N Air and Missil	e Defense		-					
				36,912-		+5,300		-42,212
Explanation: Funds are r +4.8 million will radars impact on a (AMBIT) initiativ +0.5 million will	Frovide 54 and from 54 e. This is support a	G and rada G in suppo a base bud _i study to ur	ur lab and li ort of the Na get require nderstand th	ive testing ational 5G ment.	American to Aegis ar	Mid-Band	Hnstitute 7	Feam
Systems due to ch 5G. This is a base 0604366N Standard Miss	e budget re	quirement. ements				-		
Systems due to ch 5G. This is a base 0604366N Standard Miss	e budget re	quirement. ements —204,515-	-	—204,515-		+1, 500		result of —206,01
Systems due to ch 5G. This is a base 0604366N Standard Miss <u>Explanation</u> : Funds are r	e budget re ile Improv equired to	equirement. ements —204,515- support the	e study of r	—204,515- nissile sys	tem downl	+ 1,500	lerstand 50	result of —206,01 5 impacts
Systems due to ch 5G. This is a base 0604366N Standard Miss Explanation: Funds are r and required mitigations,	e budget re ile Improv equired to concept ex	equirement. Tements —204,515- support the sploration f	e study of r	—204,515- nissile sys se and avoi	tem downl id processi	+ 1,500 inks to und	lerstand 50	result of —206,01 G impacts ems, and
Systems due to ch 5G. This is a base 0604366N Standard Miss Explanation: Funds are r	e budget re ile Improv equired to concept ex rations Co	equirement. ements —204,515- support the eploration f mpression-	e study of r for 5G sens analysis to	—204,515 nissile sys se and avoi • evaluate <i>t</i>	tem downl id processi an increase	+ 1,500 inks to und ng within i in interfer	lerstand 50 Naval syste ence as exj	
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Component Serial Number:			(A	mounts in Tho	usands of Dolla	ers)		
	0	Program Base Reflecting Congressional Action Program Previously Approved by Sec Def Reprogramming Action			ming Action	ction Revised Pr		
Line Item	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
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Budget Activity 07: Ope	rational Sy	stem Deve	elopment					
204460M Ground/Air T	ask Orient	,	· · ·					
		27,798-		27,798		+6,913	}	
xplanation: Funds are r	equired for	the follow	ving efforts	s:				
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Ground/Air Task								
USMC radars to v	vork harme	oniously w	ithin the S	-band in su	pport of th	e Nationa	1 5G Ameri	can Mie
Band Institute Tea		•			11			
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survivability. Thi • \$+0.844 million v and on what speci	s is a base vill support fic frequer	budget req t an Inland tcies USM	luirement. Radar Spe C radars ai	ectrum Occ re used at 1	supancy Stu and based	udy to deto test and tr	ermine how aining facil	' often ities in
survivability. Thi • \$+0.844 million v and on what speci order to help gove	s is a base vill support fic frequer ernment an	budget reg t an Inland tries USM d industry	luirement. Radar Spe C radars an understanc	ectrum Occ re used at 1 1 expected	supancy Stu and based	udy to deto test and tr	ermine how aining facil	' often ities in
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 survivability. Thi \$+0.844 million v and on what speci order to help gove band at auction. T \$+0.389 million v and evaluating free operations and im base budget requir \$+0.680 million v above studies and and other key stak AIR FORCE INCREAS Research, Development. Budget Activity 04: Adv 0401132F C-130J 	s is a base vill support fic frequer ernment an Fhis is a ba vill support equency op pact to rad rement. vill provide also coord ceholders. <u>SE</u> <u>Test, and</u> anced Con	budget req an Inland beies USM d industry se budget : a perform timization ar perform engineeri linate with This is a b <u>Evaluation</u> aponent De 	Addar Spe C radars and understand requirement ance impa techniques ance if res ng support the radar p ase budget	ectrum Occ re used at l l expected at. et assessm ct assessm ct assessm tricted to a from subje program of requireme requireme <u>ree, 20/21</u> t and Prote -8,419	eupancy Str and based wireless or ent study to b understar portion of ect matter of fice, in ser ent.	udy to detend test and tr utages and o include of the effe the spectr experts (S vice engin <u>+1,000</u> +1,000	ermine how aining facil laccurately compression et on USM fum band. ' MEs) to con meering agen	voften ities in value th c This is a nduct th nt (ISEA
survivability. Thi Survivability. Thi Survivability. Thi and on what speci- order to help gove band at auction. The should be added to the special base budget requines Subsections and implemented to the studies and and other key stakes AIR FORCE INCREASES Research, Development Sudget Activity 04: Adve 401132F C-130J Explanation: Funds are r	s is a base vill support fic frequent ernment an Fhis is a ba vill support equency op pact to rad rement. vill provide also coord ceholders. <u>F</u> <u>, Test, and</u> anced Con	budget req t an Inland acies USM d industry se budget t a perform timization ar perform e engineeri linate with This is a b <u>Evaluation</u> aponent Decomponent Decom	uirement. Radar Spe C radars an understance requirement ance impate techniques ance if res ance if res ang support the radar p ase budget	entify solu	eupancy Str and based wireless or ent study to bunderstar portion of ect matter of fice, in ser ent.	udy to detend test and tr utages and o include of the spectr the spectr experts (S vice engine <u>+1,000</u> +1,000	ermine how aining facil laccurately compressio ect on USM rum band. ' MEs) to co neering agen eering agen	voften ities in value tl n studie C This is t nduct th nt (ISEA
survivability. Thi Survivability. Thi Survivability. Thi and on what speci- order to help gove band at auction. The should be added by a special base budget requines Subsections and im- base budget requines should be added by a special base budget requines should be added by a special should be added by a special should be added by a special by a special base budget requines and a special by a special b	s is a base vill support fic frequent ernment an Fhis is a ba vill support equency op pact to rad rement. vill provide also coord ceholders. <u>F</u> <u>, Test, and</u> anced Con	budget req t an Inland acies USM d industry se budget t a perform timization ar perform e engineeri linate with This is a b <u>Evaluation</u> aponent Decomponent Decom	uirement. Radar Spe C radars an understance requirement ance impate techniques ance if res ance if res ang support the radar p ase budget	entify solu	eupancy Str and based wireless or ent study to bunderstar portion of ect matter of fice, in ser ent.	udy to detend test and tr utages and o include of the spectr the spectr experts (S vice engine <u>+1,000</u> +1,000	ermine how aining facil laccurately compressio ect on USM rum band. ' MEs) to co neering agen eering agen	voften ities in value tl n studie C This is t nduct th nt (ISEA
 survivability. Thi \$+0.844 million v and on what speci order to help gove band at auction. 1 \$+0.389 million v and evaluating free operations and im base budget requi \$+0.680 million v above studies and 	s is a base vill support fic frequent ernment an Fhis is a ba vill support equency op pact to rad rement. vill provide also coord ceholders. <u>F</u> <u>, Test, and</u> anced Con	budget req t an Inland acies USM d industry se budget t a perform timization ar perform e engineeri linate with This is a b <u>Evaluation</u> aponent Decomponent Decom	uirement. Radar Spe C radars an understance requirement ance impate techniques ance if res ance if res ang support the radar p ase budget	entify solu	eupancy Str and based wireless or ent study to bunderstar portion of ect matter of fice, in ser ent.	udy to detend test and tr utages and o include of the spectr the spectr experts (S vice engine <u>+1,000</u> +1,000	ermine how aining facil laccurately compressio ect on USM rum band. ' MEs) to co neering agen eering agen	voften ities in value th c This is a nduct th nt (ISEA

Unclassified	REPROG	RAMMIN	IG ACTIC	ON - PRIC	OR APPRO)VAL			Page 4 of '	
Subject: July 2020 Prior A	pproval R	lequest					I	DoD Serial N	Number:	
Appropriation Title: Variou	is Approp	riations						FY 20-1	2 PA	
								Includes Tr Yes		
Component Serial Number:			(A	mounts in Tho	ousands of Dolla	ers)				
	0	Program Base Reflecting Program Previously Reprogramming Action						on Revised Program		
		onal Action		by Sec Def	Quantity	A mor		Quantity	Amount	
Line Item a	Quantity b	Amount c	Quantity d	Amount	Quantity f	Amo	int	Quantity h	Amount	
a	U	C	u	e	I	g		ш	I	
DEFENSE-WIDE INCH	REASES					<u>+9</u>	<u>,500</u>			
Research, Development,						<u>+9,</u>	<u>500</u>			
Budget Activity 04: Adv					otypes					
0303191D8Z Joint Electr	omagnetic	: Technolog	gy (JET) P	rogram						
		3,191		3,191		+1	,200		4,391	
Explanation: Funds are re	equired fo	r a study to	- determine	the techn	ical and op	eration	al re	equirement	s as well	
as regulatory governance	structure (to enable sl	hared acces	ss between	non-Feder	al (i.e.	. cor	nmercial)	5 G and	
DoD capabilities on majo								,		
the full 100 MHz is intend										
	1				1			-		
commercial users. This r	equitemen	n is a new	start and t	ins runumş	g will colli j	nete ti		ion. mis	is a base	
budget requirement.										
		_								
Budget Activity 07: Open			<u>elopment</u>							
0303153K Defense Spect	rum Orga i	nization								
				—19,528		+ 8 ,	300			
Explanation: Funds are re	eauired fo	r the follov	ving efforts	3:						
• \$+2.8 million will	-		U U		tion with th	o Mili	tory	Donartma	nte to	
establish coordinat										
					-		-		iu omer	
procedural/manual	1	11	0			1				
electromagnetic sp										
with the DoD shari							emei	nt is a new	start and	
this funding will co	mplete th	e effort. T	his is a bas	e budget r	equirement					
• \$+5.5 million will	support pr	ototyping (of medium	risk and h	igh-risk ele	ments	of t	he long-ter	m,	
technology based I										
3.45 GHz 3.55 GH										
shows the initial m	2 ound ord		bogod ini	tial process	sos outling	d in th		D choring		
above the initial, m		-procedura	n-Daseu III	tial proces	ises outline	u m m	e De	D snaring	4	
frameworks submit										
details of the techn	ical soluti	on for both	DoD and	Industry, I	eading to a	n impr	ovec	l risk posit	ion for	
DoD and an impro-					irement is a	a new (start	and this f	unding	
will complete the e										
*			- 1							

Unclassified	REPROG	RAMMIN	IG ACTIC	<u>)N - PRIC</u>	OR APPRO	VAL			Page 5 of 7
Subject: July 2020 Prior A		DoD Serial Number:							
Appropriation Title: Variou	us Appropr	riations					FY 20	<u>)-12</u>	2 PA
							Includes		insfer?
								Yes	
Component Serial Number:			1		ousands of Dollar				
		ase Reflecting onal Action		Previously by Sec Def	Reprogram	ming Actio	on Rev	ised P	Program
Line Item	Quantity	Amount	Quantity	Amount	Quantity	Amour	nt Quanti	ty	Amount
a	b	c	d	e	f	g	h		i
FY 2020 REPROGRAM	1MING D	ECREAS	<u>ES</u> :			<u>-32,2</u>	213		
ARMY DECREASE						<u>5,0</u>	<u>)00</u>		
							_		
Missile Procurement, A						<u>-5,0</u>)00		
Budget Activity 03: Mod	httication o			<u>90 115</u>	,		000		04 115
Stinger Mods		89,115		89,115			,00		84,115
Explanation: Funds are a	vailable d	ne to the re	vduced cost	t of the Stir	nger Servic	e Life]	Extension (SLI	<u> ק</u>
program. This is base but					18-1	•		~ <u>~</u>	
	C	C							
NAVY DECREASES						<u>-13,7</u>	<u>/13</u>		
		1	N T	AA /A1		13 -	4.5		
Research, Development, Budget Activity 05: Syst						<u>-13,7</u>	13		
0604280N Joint Tactical		-							
	Raulo bys	•	•	uvy) <u>192,212</u>	1	-6.5	800		-185,412
		10-1,002		1/2,212			J U0		105,112
Explanation: Funds are a	wailable in	1 the Depar	tment of th	ie Navy's ((DON) Joir	nt Tacti	cal Radio ?	Syst	em
(JTRS) Maritime Fixed			•••	• • •		-	0		
GPS Modernization proje	0		-				-	0	by the
US Air Force (USAF) MC									
generation GPS) program	is experie	meing sign	ificant dela	iys with ter	chnology d	evelop	ment and the	here	fore is
delaying the Navy's GPS	Moderniz	ation ettor	t. This is t	ase budge	t funding.				
Budget Activity 07: Open	rational Sy	<u>vetems Dev</u>	<u>elonment</u>						
0206624M Marine Corps									
		42,913		35,223	,	6, 9	913		
Explanation: Funds are a						-	0		
sustainment and stop mod									
efforts. The Service does							-2020, and	the	platform
transitions to sustainment	-beginning	; 	21. 1nis is	-base buag	et funding.				

Unclassified	REPROG	RAMMIN	G ACTIC	ON - PRIO	R APPRO	VAL			Page 6 of 7
Subject: July 2020 Prior A	Approval R	equest					Ι	DoD Serial N	umber:
Appropriation Title: Variou	is Appropr	riations						FY 20-12	2 PA
Inclu								ncludes Transfer?	
								Yes	
Component Serial Number:			(A	mounts in Tho	usands of Dollar	s)			
		se Reflecting		Previously	Reprogramn	ning Act	Action Revised Program		
I in a Idama		Congressional Action Approved by Sec Def Quantity Amount Quantity Amount Quantity							
Line Item a	b								Amount
						_	000		
AIR FORCE DECREASE									
Research, Development,	Tost and	l Evoluativ	on Air Fo	rea 20/21		_1	000		
Budget Activity 07: Ope				ICC, 20/21		-1,	000		
0207268F Aircraft Engin			÷						
	e compon	1	ement	-108,470		1.	000		107,470
		,		,		_,			,
Explanation: Funds are a	vailable du	ue to a redu	uction/savi	ngs in plan	ned F-135	Engin	e eff	orts. Ther	e are no
other known requirement				0 1		0			
funding.		C			1	U			C
DEFENSE-WIDE DEC	<u>REASE</u>					<u>-12</u> ,	<u>500</u>		
Research, Development				e-Wide, 20	<u>0/21</u>	<u>-12,</u>	<u>500</u>		
Budget Activity 07: Ope									
0303140D8Z/Information	Systems	-	0	C1 007		10	=00		40.207
		67,631		61,887		— -12 ,	,500		- 49,387
Explanation: Funds are s	ourgod fro	m a alacaif	ind program	m additic	nal dataila	oon h	o nro	wided und	or
separate cover. This is ba			ieu piograi	auunne			e pre	Wilden und	
	ise oudget	U	SASC Defe	ers					
		<u>-</u>							
			PART	II					
FY 2019 REPROGRAM	IMING IN	NCREASE	2:			<u>+3</u> ,	000		
Research, Development	Tost and	l Evoluoti	A mark	10/20		12	000		
Budget Activity 05: Syst						<u>+</u> 3,	<u>000</u>		
0604823A Firefinder		24,285	Demonsu	24,285		+3,	,000		27,285
Explanation: Funds are required to conduct spectrum studies and exploratory engineering analysis to support increase in operating bandwidth (from 3.1Ghz to potentially ~2.9 Ghz) and waveform agility for the AN/TPQ-53 in support of AMBIT 5G activities. This is a base budget requirement. Implemented 9/30/2020									

Unclassified	<u>REPROG</u>	RAMMIN	G ACTIC	<u>)N - PRIO</u>	R APPRO	DVAL			Page 7 of 7
Subject: July 2020 Prior A	Approval R	equest					D	oD Serial N	umber:
Appropriation Title: Variou	is Appropr	riations						FY 20-12	2 PA
]	Includes Tra Yes	
Component Serial Number:			(A	mounts in Tho	usands of Dolla	rs)			
	0	Program Base Reflecting Congressional Action Approved b			Reprogramming Act		tion Revised Prog		Program
Line Item	Quantity	Amount	Quantity	Amount	Quantity	Amo	unt	Quantity	Amount
а	b	с	d	e	f	g		h	i
FY 2019 REPROGRAMMING DECREASE: -3,000									
Research, Development Budget Activity 07: Oper				<u>19/20</u>		<u>-3,</u>	<u>000</u>		
0607139A Improved Tur	-		_						
	5 5					-3,	,000		175,866
Explanation: Funds are a efforts between Phase 1 a			-	•	0	0		-	
be needed in a future fisc			• 1		0				
		Imple	mented 9/	30/2020	-	-			