### SECRUNCLASSIFIED N CLASSIFIE

Date: February 1st, 1956

Aircraft: C-105 With J75 Engines

as Interim Power Plant

Report # 7-0400-05 Sheet # 001-1 Issue 23 Prepared By: K. Griffin Checked By: E. Burnett

#### INTRODUCTION

The following is a revised Weight & C.G. Summary for the C-105 Aircraft, based on the latest weight estimates available on January 31st, 1956. All Weight and C.G. changes are relative to Issue 22.

#### GENERAL

- (a) As in Issue 22 Pratt & Whitney J75 Engines comprise the Interim Power Plant (6,175 lb each).
- The Falcon Missile Pack of 8 Missiles, previously carried, has been replaced (b) by a redesigned Pack containing 4 Sparrow Missiles.
- (c) The Hughes MX 1179 Radar System is currently retained but the Missile Control Equipment is removed and replaced by Douglas equipment.
- (d) As in Issues subsequent to 15, the extended leading edge is recorded here.

#### WEIGHT (1b) 1. STRUCTURE (a) Wings 11 O/W Leading Edge - Skin gauge reduction etc. 11 Weight Change Decrease Ref. 002-1

#### (b) Fin & Rudder

No Weight Change.

#### (c) Fuselage to Sta. 255

Radome - Elongated Nose (Apex Sta. - 26.0), but foam filled 61 honeycomb Laminate used. 7 Radar Nose Structure and Access Doors - new lines 2 Intake Ramp - miscellaneous production drawing changes 70 Weight Change Decrease

Ref. 002-1

#### (d) Fuselage Sta. 255" to 485"

Armament Bay Floor - Production Drawing estimate misc. changes Dorsal Fairing over Tank - Titanium structure replaces fibreglass

Weight Change Increase

Aeronantical Libra

Ref. 002-1

36073

NON CLASSIFIE
Date: February 1st, 1956
Aircraft: C-105 With J75 Engines

as Interim Power Plant

Report # 7-0400-05 Sheet # 001-2 Issue 23 Prepared By: K. Griffin Checked By: E. Burnett

#### INTRODUCTION

1.	STRUCTURE (Continued)	WEIGHT (1b)
	(e) Fuselage Sta. 485 Aft.	
ž	Dive Brake Accommodations - redesign of Sealing and correction of door allowance	+ 9
	Miscellaneous changes to centre beam, Top Longeron Access Panels & Heavy Formers E.B. Engine Tunnel E.B Addition of Compressor Air Blee & Air Conditioning Outlets	+ 4 + 14
	Weight Change Increase Ref. 002-	<del>2</del>
	TOTAL STRUCTURE WEIGHT DECREASE	- 48
2.	LANDING GEAR	
	No Weight Change	
3.	POWER PLANT & SERVICES	
	Engines - C.G. moved 0.8 Aft. Engine Mounts - Front I/B Beam Steel was Al. also minor c	
	to forward O/B Mounting. Fuel System - Completely re-estimated to current schemes	+ 13 + 26
	Ref. 002-2	+ 39
	TOTAL POWER PLANT & SERVICES INCREASE	+ 39
4.	FLYING CONTROLS GROUP	
	Dive Brake Hydraulics - completely re-estimated- equipmen Weight allowance was > too high	- 12
	Ref. 002-3 TOTAL FLYING CONTROLS DECREASE	_ 12
5.	EQUIPMENT	
	Sparrow Missile Pack with associated hydraulics, mechanis and Electronics (in remov. pack) replaces Falcon Packa 4 submerged Sparrows are currently considered Electronic Missile Control - Douglas Equipment for 4 Spa	ge - + 682
	replaces Hughes for 8 Falcons	- 125
	Alternator System - 30 KVA System replaces 20 KVA Electrical Harness - Estimate completely revised	+ 38 + 44
	Radar Power Supply - Revised Weights for Hughes equipment ARN 6 Radio Compass - Revised weight data	UNCLASSIFIE
	co	nt NON CLASSIEI

# SUNCLASSIFIED DAON CLASSIFIED Aircraft: C-105 With J75 Engines as Interim Power Plant

Report # 7-0400-05 Sheet # 001-3 Issue 23 Prepared By: K. Griffin Checked By: E. Burnett

#### INTRODUCTION

5.	EQUIPMENT (Continued)					WEIGHT	(lb)
	Radio & Radar Fixed Equipment antennas, mountings, cable, Fin Pitot System - 2 Pitot mas Cockpit Sealing - Previous all Ejector Seats - R.C.A.F. Weigh Air-Conditioning - completely and Manufacturers Weights a insulation	connect ts added lowance w nts avail re-estim	ors etc. to Fin as too h able for ated - s	igh Survival K some≎aċtual	Weights		17 12 15 18
	Weight Change Increase		ì	Ref. 002-2	<b>L</b>	+ (	604
	TOTAL EQUIPMENT INCREASE					+ (	604
6.	OPERATIONAL LOAD						
	Falcon Missiles (8) replaced b	y Sparro	w Missil	es (4) Ref. 002-4		+ (	686
	TOTAL OPERATIONAL LOAD INCREAS	SE				+ (	686
SUM	MARY					*	
	Weight Change - Aircraft Weigh	nt Empty					
	Structure Power Plant & Services Flying Controls Equipment	- 484 + 39 - 12 + 604 + 583	lb. lb. lb.				
	Weight Change - Operational Lo	ad Less	Fuel				
	Missiles	+ 686	lb.				
	Weight Change - Operational We	ight Emp	ty (A/C	Less Fuel)			
	Issue 22	Issue 2	3				
	43,922	45,191		= 1,269 1	b.		

# SECRELASSIFIED SECRETORISMON CLASSIFIE Deta: February 1st 1956

Date: February 1st, 1956 Aircraft: C-105 With J75 Engines

as Interim Power Plant

Report # 7-0400-05 Sheet # 002-1 Issue 23 Prepared By: K. Griffin Checked By: E. Burnett

#### WEIGHT CHANGES TO 7-0400-05 ISSUE 22

WIET	CHT	CHANGES
11111	ULL L	

#### Wing:

0	11.05	0/W Leading Edge - Skins Rib 3-6 .091 were .102 Al.		3.37
		Skins Rib 6-14.072 were .081 Al.		2021
			-	5.57
		Ribs 4,5,& 6 .081 were .064 Al.	+	0.91
		Doublers ribs 6-9 .02 were .32 Al.		3.02
			-	11.05

<sup>- 11.05</sup> 

#### Front Fuselage (Fwd. Sta. 255")

<b>6</b> 0	61.02	Radome - New lines - Apex of Radome A/C Sta. 26.0
		Aft limit A/C Sta. 68.5. Foam filled honeycomb
		Laminate now used - estimate based on information
		from McMillan Industries Ltd.
0	4.23	Radar Nose Structure - Length of structure reduced by

0	4.23	Radar	Nose Structure	- Length of	structure reduc	ed by
			3.5" due to	new lines -	fwd. former at	Sta. 68.5
			was at Sta.	65.0		

0	2.81	Radar Nose Access Doors - Structure 3.5" shorter see above	e
0	2.25	Intake Ramp etc Production drawing estimate of Lips &	
		Ramp Sta. 188.4 - 214.4	

ramp 564. 100.4 - 4	61404
Intercostals A, B,	C & D gauge reduced
General refinement	of estimate

-	1.23
8	1.02
-	2,25

#### Centre Fuselage (Sta. 255" - 485")

+	13.27	Armament Bay Floor - Completely re-estimated to production drawings		
			4	1.75
		.051 Top Hat replaced by .081 channel	~	1017
		Addition of .051 Strap at Sta. 485"	+	1.11
		Addition of piping mounting brackets	+	2.04
		Alterations to Aft Stiffeners etc.	+	8.37
			+	13.27
•	6.94	Dorsal Fairing over Tank - Structure redesigned in		
		Titanium was fibreglass	<b>a</b>	12.82
		Addition of Insulation	+	5.88

+ 6.33

UNCLASSIFIED NON GLASSIFIE

<sup>- 70.31</sup> 



Report # 7-0400-05 Sheet # 002-2 Issue 23 Prepared By: K. Griffin Checked By: E. Burnett

#### WEIGHT CHANGES TO 7-0400-05 Issue 22

WEIGHT	CHANGES
--------	---------

Aft Fuselage	Sta.	485m	aft.)
		707	~~~ ~ 0 /

+	8.75	Dive Brake Accommodations - redesign of D.B. Sealing Redesign Limiter and Refuel Access Door Addition of Door as above - only one door	++	3.11 0.27
		previously accounted for	+	5.37
			4	8.75
+	0.89	Centre Beam E.B redesigned and redestimated		
-	0.51	Top Longeron E.B Completely re-estimated to current schemes		
+	3.50	Heavy Formers E.B Production drawing estimates of VV braces on heavy formers - some minor design changes incorporated.		
+	0.47	Access Panels E.B redesign of doors and surrounding structure		
		Access Door # 3	+	1.16
		Access Door # 4	+	2.26
		Structure at Door # 3	=	1.90
		Structure at Door # 4	<b>=</b>	1.05
			+	0.47
+	13.79	Engine Tunnel, E.B Addition of Compressor Air		
		Bleed outlet	+	7.60
		Addition of Air-Conditioning Opening	+	
		Redesign Gear Box drive Seal	+	0.44
-			+	13.79

### Power Plant & Services

26.89

	•	Engines - C.G. of the Engines J75 has moved 0.8 Aft.		
+	26.15	Fuel System - Completely re-estimated - pipes rerouted etc.		
		Pressurization system	+	9.14
		Fuel Flow System	+	2.35
		Capacitor Units added (no previous allowance)	+	14.66
			+	26.15
+	13.56	Engine Mounts - Production Drawing estimate, forward		
		0/B mount - wall thickness increased	+	1.56
		Front I/B Beam Steel was Al.	+	12.00
			+	13.56

+ 39.71

## SECNCLASSIFIED NON CLASSIFIE Date: February 1st, 1956

Aircraft: C-105 With J75 Engines

as Interim Power Plant

Report # 7-0400-05 Sheet # 002-3

Prepared By: K. Griffin Checked By: E. Burnett

#### WEIGHT CHANGES TO 7-0400-05 ISSUE 22

#### WEIGHT CHANGES

#### Flying Controls Group

0	12.00	Dive Brake Hydraulics - Completely re-estimated, equipment Weight allowances were too heavy.		
		Dive Brake Jacks	=	12.44
		Selector Valves		
		Re-estimate of piping, joints etc.	+	7.30
		Re-estimate of fluid in jacks and pipes	=	1.36
				10.00

12.00

- 10.00

#### Equipment - Fixed & Removable

nd	arbment -	LIVER OF HEMOTOPIE			
0	676.17	Falcon Missile Pack Structure - Deleted and replaced by Sparrow Package.			
0	410.48	Falcon Missile Pack Mechanisms - Deleted - see above			
	293.00	Flacon Missile Pack Hydraulics - Deleted - see above			
	318.00	Falcon Missile Pack Electronics - Deleted - see above			
	424.10	Sparrow Missile Pack Structure - New Item - this			
		package replaces the Falcon Package.			
		A Sparrow Package of 4 "submerged"			
		Missiles is currently considered.			
+	399.50	Sparrow Missile Pack Mechanisms - new item - see above			
	505.65	Sparrow Missile Pack Hydraulics - new item - Douglas			
		equipment in package.			
0	125.00	Electronic Missile Control - Douglas equipment for 4			
		Sparrows replaces Hughes equipment for			
		8 Falcons.			
+	38.10	Alternator System - 30 KVA system replaces 20 KVA			
	,	Transformer - rectifier	+	12.00	
		Alternators		10.00	
		Cables - re-estimated		12.28	
		Relays & Protection	+	-	
			+	38.10	_
_	43.85	Electrical Harness - a revision of estimate made	-	70.10	
~	45.05	clipping - previous allowance too small	+	8.75	
		Connectors - more details	+	3.45	
		Panels and sub-assy. wiring		31.65	
		ranets and subsassy, arring	cathodic o		,
			+	43.85	
0	18.00	Radar Power Supply - Revised Weights from Hughes			
		for Voltage regulator			
0	21.30	ARN 6 Radio Compass - new weight data received			
	<b>6</b>	OMNI-DME - C.G. changes made			
	2 22	Data-Link - C.G. changes made			
0	2.00	Radio Removable - Deletion of ARC 34 Antenna	_		

see Radio & Radar fixed report.

Radar Removable - Deletion of ARA 25 Antenna -

Increase in ARA 25 Units

# SEGNELASSIFIED SECTION CLASSIFIE

Date: February 1st, 1956

Aircraft: C-105 With J75 Engines as Interim Power Plant

Report # 7-0400-05 Sheet # 001-4 Issue 23 Prepared By: K. Griffin Checked By: E. Burnett

#### WEIGHT CHANGES TO 7-0400-05 Issue 22

#### WEIGHT CHANGES

Equipment -	Fixed	& Re	movable
Committee of the same of the s			

8	5.00	I.F.F Deletion of Antenna in Fin - as above			
+	34.31	Radio & Radar Fixed - this has been checked and			
		many items calculated whereas allowances			
	*	were previously made.			
		Addition of ARA 25 Antenna & Mounting	+	27.31	
		Addition of VHF Antenna & Mounting		20.00	
		Addition of Antenna in Fin & Mounting		7.00	
		Revision of Connector Weights in cockpit	œ	10.00	
		Estimate of some junction boxes and			
		revision of cable and structure allowances	-	10.00	
			-	34.31	•
+	12.30	Fin Pitot System - 2 pitot masts with associated piping	*	J40J=	
•	12.639	and wiring added to Fin			
+	8.00	Probe - Inclusion of plumbing etc. see Instruments			
0	8.00	Instruments - deletion of plumbing etc. see above			
	0	Radome De-Icing - relocation of spinner etc.,			
		resulting from new lines of Radar Nose.			. "
•	0.20	Canopy Actuation - Production Drawing estimate, Idler			
		levers	65	2.12	
		Production drawing estimate, Shock Absorbers	+	0.16	
		Allowance for sequence valves	+	0.76	
		Manufacturer's Weight Electronic Jacks	æ	1.00	
		Allowance for pneumatic jacks	+	2.00	
			-	0.20	•
=	15.00	Cockpit Sealing - Revised estimate previous allowance			
		too high - this does not include canopy			
		seal			
•	18.00	Ejector Seats - R.C.A.F. estimated Weight of pack 28 1b each			
		37 lb each previously allowed.			
+	8.26	Air-Conditioning - System completely re-estimated			
		Manufacturer s weight of boiler	+	26.50	
		Actual Weight of Turbine	+	2.50	
		Actual Weight of Press. relief Valves	+	1.00	
		New type laminate insulation	0	44.90	
		Cabin pressure controller added	+	2.00	
	×	Radar Shut Off Valve added	+	3.10	
		Re-estimate of clamping weights	+	23.40	
		Ducting etc re-estimated	-	5.34	-
_			+	8.26	_
4	603 92				

+ 603.92

Operational Load

- 1,042.40 Falcon Missiles - deleted - package of 8 Falcon Missiles

replaced by one of 4 Sparrow Missiles + 1,728.00 Sparrow Missiles - new item - see above

+ 685.60

+ 1,269.09 TOTAL WEIGHT CHANGE

UNCLASSIFIED NON GEOSSIFIE



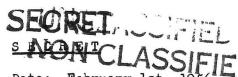
Date: February 1st, 1956 Aircraft: C-105 With J75 Engines

as Interim Power Plant

Report # 7-0400-05 Sheet # 003-1 Issue 23 Prepared By: J. Murphy Checked By: E. Burnett

#### WEIGHT AND C.G. SUMMARY

REF.		WEIGHT	H. ARM	V. ARM
No.	DESCRIPTION	<u>lb.</u>	ins.	ins.
COLOR	STRUCTURE	16,972.99	565.45	138.54
1000000	Wing	9,636.28	641.84	142.30
2000000	Fin & Rudder	912.02	756.74	211.22
3000000	Fuselage Structure Fwd. 255	2,149.77	185.72	130.18
	255 <sup>n</sup> to 485 <sup>n</sup>	1,540.00	369.60	131.44
	Aft 485	2,734.92	641.29	111.65
4000000	UNDERCARRIAGE - Up Position	2,868.35	483.63	133.67
4010100	Main Undercarriage	1,839.60	540.47	141.00
4010200	Main U/C Doors and Fairings	287.32	539.21	136.40
4010300	Main U/C Hydraulics	295.56	535.95	135.20
4020100	Nose Wheel Undercarriage	314.47	168.91	99.82
4020200	Nose U/C Doors & Fairings	25.92	163.71	89.22
4020300	Nose U/C Hydraulics	105.48	211.35	105.92
5000000	POWER PLANT & SERVICES	13,971.18	654.58	118.63
5010000	Engines J75	12,703.00	663.23	117.86
5020000	Gear Box & Drive	150.00	606.00	94.66
5030000	Engine Controls	25.10	356.68	119.39
5040000	Pneumatic Starting System	70.00	610.00	94.75
5050000	Engine De-Icing .	69.35	565.60	115.95
5060000	Fire Extinguishing System	64.27	700.07	123.00
5070000	Engine Mountings & Brackets	217.96	641.14	125.25
5080000	Fuel System	671.50	526.79	138.78
6000000	FLYING CONTROLS GROUP	1,711.76	647.68	139.59
6010000	Mechanical Flying Controls	784.89	671.88	145.39
6030000	Flying Controls Electronics	108.00	222.33	131.43
6000000	Flying Controls Hydraulics	818.87	680.58	135.10
	EQUIPMENT - FIXED & REMOVABLE	7,144.46	316.03	111.74
7010000	Instruments	53.30	153.98	140.27
7010003	Probe	23.00	- 9.74	108.00
7020000	Cockpit Pressure Sealing	5.00	186.00	130.00
7030000	Oxygen System	46.12	220.36	138.15
7040000	Air Conditioning System	633.21	326.11	133.87
7050000	Hydraulics Main System	215.66	591.04	117.41
7060000	Fin Pitot System	12.30	596.69	198.16
7070000	Cabin Insulation	11.91	179.24	130.00
7080000	Brake Parachute	69.69	784.88	131.17
7090000	Electrical System	849.69	408.86	116.65
7100000	Low Pressure Pneumatics	16.60	217.17	133.41
7110000	Oil & Hydraulic Fluid Cooling	119.80	567.91	104.22
7120000	Intake De-Icing	101.72	210.14	118.95
7000000	Radio & Radar Fixed, Power Suppl	lies 937,41	220.85	110.58
7130000	Radome Anti-icing	16.80	1168421 AC	
7160000	Canopy Actuation	46.80	423°44LA3	SIE
7170000	Cabin Consoles	20.65	NITTENT CI A	125.23
7180000	Radar Door Actuation	10.00	268, 00	D 385.00-



Date: February 1st, 1956 Aircraft: C-105 With J75 Engines

Report # 7-0400-05 Sheet # 003-2 Issue 23 Prepared By: J. Murphy Checked By: E. Burnett

#### WEIGHT AND C.G. SUMMARY

	CROSSION METSPORE SHARE	O de O DO TIME SE			
REF.		WEIGHT	H. ARM	V. ARM	C.G. POSITIO
No o	<u>DESCRIPTION</u>	<u>lb.</u>	ins.	ins.	% M.A.C.
0070700	Equipment (Fixed & Remov.)(Cont		000		
8010100	Ejector Seats	186.00	201.10	136.25	
8010200	Emergency Provisions	16.95	166.01	130.65	
8020000 8000000	Radar Removable	1,124.70	140.94	113.19	
8050100	Radio Removable & I.F.F.	247.90	291.13	112.19	
8050200	Sparrow Pack Structure	1,424.10	375.42	96.81	
8050300	Sparrow Pack Mechanisms Sparrow Pack Hydraulics	399.50 505.65	353.32	100.22	
8050400	Sparrow Pack Electronics	505.65 50.00	409.15 436.15	98.84	
00,0400				103.20	
	AIRCRAFT WEIGHT EMPTY	42,668.74	550.67	127.25	
9000000	USEFUL LOAD	18,357.87	516.70	137.48	
9010000	Crew	430.00	194.00	136.50	
9020000		85.08	611.71	135.00	
9050000		22.00	93.00	138.00	
9060000	Engine Fire Extinguisher Fluid	25.00	730.00	129.00	
9070000		218.40	553.98	134.04	
9090000	Missiles (Armament)	15,836.00	539.20 385.76	142.28	
9040000	Oxygen Charge	1,728.00 13.39	259.69	94.27 159.91	.0
7040000		17077			04.44
	U/C Up Normal Combat Mission	61,026.61	540.45	130.33	28.85
	U/C Down	OT O CO OT	541.99	128.22	29.28
	Half Combat Mission	7,918.00	540.80	139.55	
	Fuel 1,015 @ 7.8 lb. gal.				
	U/C Up		540.88	128.14	28.97
	Combat Weight (Half Combat	53,108.61			
	Mission Fuel U/C Down		542.66	125.74	29.46
DE DES DES DES DES DE LA CONTRE	U/C Up		540.89	126.14	28.98
i	Operational Weight Empty	45,190.61			
	U/C Down		542.97	123.32	29.55
	U/C Up		547.06	127.41	30.68
	Operational Weight Empty	43,462.61			
	(Less Missiles) U/C Down		549.22	124.47	31.27
	Maximum Internal Fuel	19,843.00	538.88	144.32	
	2,544 gal. @ 7.8 lb/gal.	305 00	0(0.00	05.00	
	Water (Air-Conditioning System)	125.00	268.00	95.00	
	U/C Up	/ /-	539.75	131.62	28.66
	A.U.W. Max. Internal Fuel	65,158.61		200 //	
	U/C Down		541.19	129.66	29.06
	Max. External Fuel 500 gal.	4,210.00	528.88	62.00	,
	@ 7.8 lb/gal. and Drop Tank				
	U/C Up		539.09	127.39	28.48
	A.U.W. Max. Internal and	69,368.61		INCIA	CCIE
-	External Fuel U/C Down		540.44	127.55	SSI黑野D
			144	UNCH	ACCIFIE
				SE	CHOILIE

	U	A	-	EIA	5	31	FII SIE			-						11.1			1::	-	1	-	-			2-0	2 15	WE C	1:
R	1	A	1	-								-	-		-					B	7	Ko	Re	CACT	2	-33-		147	+
	AC	41	-	2	A	5			5											اها	ATE	-	Ja	n 3	عدا	Is	5		1
-				1	Hii	11.5	C	05	A	VC.	C.C	5. 5	LN:	LEL	OF	=				-				: 200		4 5 4	. 17	144	
	:-:			1	1::::		-	A/c	+	L15	-	-	1	D17	1		· .							T-	7		1		T
		11-	1	9::.	1	1=	OR.	1 /5						-	-														1
		-			1	-	- N	Tr	-	75	A	25	! <b>E</b>	NG	IME	3				1						· · ·			+
			-	1 .		<del>                                     </del>		-	122				-::	100	1111	115			277	1 2 2	1	::·	1 1			,	: : : : :	1 1	#
			-	:		1.	-				115	-											1121	1.1-					1
										37.33	-::	1 2	11:				7		1111			: I-		11:1		1 1 1			-
		::::	:			1	1					:::							:	+!:			; ; ; ;				-1::		
			01			1:	11:11	1			::;:		12.25		11	::::	· E.:	1111	Fili		1:::	1115	1		-: :		1	8	1
					1 6	-	8				-111		::::						2	2				Δ					+
-:	· ·		-	11		1	+										1	2	SEIDA	SSION	K	77		gri 1			2		+
H			8			1	1	1 2 2	1	171		1111		:			1	1	188	2 1	8	A LIKS	83		G.	0	Jumpa	1,5	+
		-	1	-		1	11		=====================================		1						:: `	120	EVEL MISSION	TOPL ?	INTERNA FUEL	HUEL 8 TA	MISSILE	MEICING	Z PATE	3	3/0	F.:::	+
		į	do			1	177	1		Et :			1::::	. : "		L 1	:::::	70		17	1 14	10	W	M	ځ.	2	ر		1
			1:	: ::	- · · · ·	66	i i i	71	5								N	6/	ġ	DIN	M.	TX W					::::		-
	1	1	4		13	I	1				- : :						. •	1		1.5		, i i		1111		1 - 1:1	-	11	T
					1			1.		::::		/	0	4				2	*		1	111.	i le	::			*		1
					ļ		1. ; i					-	1			• •		-	-	34		11.11	: i : i			i ii	*		+
-			2	-		+		F			FL.		$\vdash \vdash$	1.5				3_		*	H-		-1-		1	111		=	+
		- "												1	-	•	- 1	A			*		-	1 =		12.5	*	- I = -	1
		<u> </u>	Q .		1.:		111.	7.73		1.12	-1.1			1		<u> </u>		5	1,000		*	1111	*			1233	+	1111	1
	89											1.11		\$	В	-11		9	1 <u>.</u> 1. <del>[</del> : .		*		*	*		E:T:	*	: : : ;	1
	50	5	8			1	1.1			£.,				1			-4::	7			*	11.7	搬	*	*		*	:: 1	F
	ANG								1		:-					1.1		8			*	*	*	*	*	F	渖	:177	+
	8		1		1		1							1	<u> </u>		12	9	==			246			4	*			1
-	THO	5	ما	<del> </del>	<del> </del>		1	+	1	-				-	<del>                                     </del>		-		1		1	- <b>A</b>	4	J#	*	*		11	+-
	7		<del> </del>	-	-	-	-			a larea		H			1-		7.7	0		-	*		*	*	*	*	-		+
- 1	<u>+</u>	5	A	<u> </u>	ļ	1:			<u> </u>	-	11.	-			1		The Personal Property lies	1					*	*	*	*		271	1
j	MEIGHT		1	-			1::-	1				11:	1		1	::::	= 1	2	F !!!	1				*	*	*	1 27	:1-:	
!	3	_ ~	2			1::	1:	ļ: i	<u> </u>				iir:		1		. 1	3	1: 1:1-		-				*	*	-		
			1	: : :		-			-:::						1	5		4	;1 ;:::::::::::::::::::::::::::::::::::	-::						*			
	71.						1				įπ				1:::1							1 1 7			:::::		17.7		
			0								741		1::::	47													:::::		1
-		: .		- 11				1::::		11.77			1			1	171		1	1111		FFFF	1,11					III	-
-	: ::	- 4	8			I-i-F	<b>H</b>	1		1111	177			= =		1	1777.		B	1	N	ORT	ER	T	à	Be	ماد	1	1
						117							1.17			1			POL	UT	0	To	The	= 6	FT	LW	MI		+
-		4	lo	FF.	11.12	1			鰛	1111					# :	1			0	10/	a M	9.0	#:- <sup>1</sup> ,	دما	e	BA	LLA	ST	
	1					14						1.5.1	莊						17:11	1:17	3.	TTTT	To		-	A	4::	Ti.ii	1
	:::::		1111	=:::	į::::	. 11			1			17.5	E E	÷‡‡	H				ST	1::	20				.::	1:::	H	H	
	:::.	7	4						HH				-	<b>.</b>			1		ST	TIT:	1-1	22				Ħ			
					1:	-	1		1:22	1 1			12	B 1	-		1	111	1111			1111	1111				1		+
		_4	2	1:12	1.11	1	1::	1	1 1	-		1111		111	1	7 1 F.		;;;;	1		<del>       </del>		1711				7	###	-
	17.5		+	<b>a</b> :		-1		<b>S</b> ::	A 0			<b>b</b>	0.1		. 3	t : :	ir i				IA		4			IF 发			1
		11 H	Į, į					C.	G.P	DSIT	ION		76 1	A.A.	=		Hig	ļ:	###	HΞ		-		7		件	IE		#