



Lufthansa Technik Aktiengesellschaft  
Weg beim Jäger 193, 22335 Hamburg

Vietnam Airlines JSC  
Supply & Material Management Department  
200 Nguyen Son Street  
100000 HANOI-LONG BIEN DISTRICT  
VIETNAM

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SITA: HAMTBLH

USt-ID-Nr./VAT-Reg.-No.: DE 811 715 450

**Banken/Banks:**  
**Deutsche Bank AG, Hamburg (EUR only)**  
No. 800 555 500 BLZ 200 700 00  
SWIFT/BIC DEUTDEHH  
IBAN DE84 2007 0000 0800 5555 00

**Citibank N. A., New York, U.S.A. (USD only)**  
No. 40 652 003 ABA 021 000 089  
SWIFT/BIC CITIUS33

Unser Auftrag/Our Order  
66068186

Kunden-Nr./Client-No  
V738

Datum/Date  
03. Jun 2022

Seite/Page  
1

**Copy**

## Invoice 77055575

Description	Amount	VAT
Order of: Vietnam Airlines JSC 200 Nguyen Son Street 100000 HANOI-LONG BIEN DISTRICT		
Your VAT-Reg.-No:		
Your Order: HA70754012; HVN SN P-00250; HGT1700		
Date of services rendered: 06. May 2022		
10 APU Time and Material	845.000,00	(0)
Less partial invoice	-924.537,00	(0)
20 APU Time and Material	49.740,78	(0)
Net amount	USD -29.796,22	
Gross amount	USD -29.796,22	

Due to a negative invoice amount this document has to be posted as  
a credit.

The amount of 29.796,22- USD is tax-free according to § 4 Nr. 2 UStG.

Enclosure to our invoice	Our order	Your purchase order	Invoice date	Currency
77055575	66068186	HA70754012; HVN SN P-00250; HGT1700	03. Jun 2022	USD

Invoice total

-29.796,22

Item: 000010

APU Time and Material

-79.537,00

\* Partial Invoice value

-924.537,00

Description	Quantity	Unit	Rate	Amount
Partial Invoice	1	EA	924.537,00	-924.537,00

\* Miscellaneous

-25.543,16

Description	Amount
NTE Verification (845000)	-25.543,16
Total APU T&M (POS10) 870.543,16 USD	
NTE applies 845.000 USD, Credit to NTE	
is 25.543,16 USD	
Total NTE Exclusion POS.20 LRU 49740,78	

\* HGT1700

180.687,64

\*\* Fixed price

23.716,00

Description	Quantity	Unit	Unit price	
Incoming Inspection	1	EA	2.808,00	2.808,00
Preparation for Shipment	1	EA	1.229,00	1.229,00
Disassemble / Reassemble into Shop Mod.	1	EA	3.159,00	3.159,00
Performance Test	1	EA	8.798,00	8.798,00
Removal / Reinstall. External Hardware	1	EA	6.318,00	6.318,00
APU Final Inspection & Release	1	EA	1.404,00	1.404,00

\*\* Fixed price parts repair

2.805,00

P/N	Description	Work package	Quantity	Unit	Unit price	
236-0081	HGT1700 BLANKETS	BAS	11	EA	255,00	2.805,00

\*\* Material consumption

154.166,64

P/N	Description	Quantity	Unit	Unit price	Amount	Handling %	Handling	
145-131-9115	BOLT	6	EA	74,70	448,20	7,00	31,37	479,57
211-592-9002	CLAMP LOOP	1	EA	7,60	7,60	7,00	0,53	8,13
211-592-9003	CLAMP LOOP	1	EA	4,05	4,05	7,00	0,28	4,33
211-592-9004	CLAMP, PIPE, QUICK DISCONNECT	10	EA	3,75	37,50	7,00	2,63	40,13
211-592-9005	CLAMP LOOP	10	EA	8,85	88,50	7,00	6,20	94,70
211-592-9006	CLAMP	27	EA	3,98	107,46	7,00	7,52	114,98
211-592-9007	CLAMP LOOP	8	EA	7,05	56,40	7,00	3,95	60,35
211-592-9008	CLAMP	16	EA	4,90	78,40	7,00	5,49	83,89
211-592-9009	CLAMP LOOP	5	EA	7,65	38,25	7,00	2,68	40,93
211-592-9010	CLAMP	26	EA	13,93	362,18	7,00	25,35	387,53
211-594-9006	CLAMP, PIPE, QUICK DISCONNECT	1	EA	113,50	113,50	7,00	7,95	121,45

Brought forward =

1.435,99



Enclosure to our invoice	Our order	Your purchase order	Invoice date	Currency
77055575	66068186	HA70754012; HVN SN P-00250; HGT1700	03. Jun 2022	USD

Item = 000010

Brought forward = 1.435,99

P/N	Description	Quantity	Unit	Unit price	Amount	Handling %	Handling	
211-594-9008	CLAMP, QUICK DISCONNECT	3	EA	124,50	373,50	7,00	26,15	399,65
211-594-9009	CLAMP, PIPE, QUICK DISCONNECT	2	EA	120,75	241,50	7,00	16,91	258,41
211-594-9010	CLAMP, PIPE, QUICK DISCONNECT	1	EA	119,20	119,20	7,00	8,34	127,54
211-594-9012	CLAMP, PIPE, QUICK DISCONNECT	1	EA	172,00	172,00	7,00	12,04	184,04
211-594-9110	CLAMP, PIPE, QUICK DISCONNECT	1	EA	145,70	145,70	7,00	10,20	155,90
234-511-9072	V-BAND CLAMP	1	EA	224,00	224,00	7,00	15,68	239,68
234-517-9240	COUPLING CLAMP	3	EA	205,60	616,80	7,00	43,18	659,98
3001436-1	OIL FILTER ELEMENT	2	EA	161,60	323,20	7,00	22,62	345,82
3101768-1	PACKING, PERFORMED	14	EA	11,44	160,16	7,00	11,21	171,37
3105867-1	OIL FILTER ELEMENT 3-MICRON	2	EA	172,09	344,18	7,00	24,09	368,27
3610875-32	WASHER, SPRING	2	EA	480,09	960,18	7,00	67,22	1.027,40
3610875-48	WASHER, SPRING	1	EA	737,46	737,46	7,00	51,62	789,08
3617804-1	SPACER	14	EA	106,73	1.494,22	7,00	104,60	1.598,82
3617906-1	BRACKET	2	EA	242,24	484,48	7,00	33,91	518,39
362-509-9002	SPARK PLUG GASKET	1	EA	2,34	2,34	7,00	0,16	2,50
370-511-9015	GROMMET	2	EA	46,40	92,80	7,00	6,50	99,30
3810676-2	SPACER	14	EA	124,75	1.746,50	7,00	122,26	1.868,76
3827041-1	GEAR, SECTOR	28	EA	114,05	3.193,40	7,00	223,54	3.416,94
3827522-1	RETAINER, SEAL	1	EA	662,99	662,99	7,00	46,41	709,40
3827558-1	WASHER, SPRING	1	EA	863,66	863,66	7,00	60,46	924,12
3840181-1	SEAL, PLATFORM, STAGE 2	35	EA	195,59	6.845,65	7,00	479,20	7.324,85
3840182-1	SEAL, PLATFORM, FIRST STAGE	32	EA	189,64	6.068,48	7,00	424,79	6.493,27
3840206-1	SEAL, CURVIC	1	EA	324,76	324,76	7,00	22,73	347,49
3840278-1	NUT, TIE SHAFT	1	EA	618,71	618,71	7,00	43,31	662,02
3842130-1	GASKET, V SEAL	1	EA	655,00	655,00	7,00	45,85	700,85
3842327-1	GASKET, V SEAL	3	EA	1.236,28	3.708,84	7,00	259,62	3.968,46
3842327-3	GASKET, V SEAL	1	EA	1.152,97	1.152,97	7,00	80,71	1.233,68
3842327-4	GASKET, V SEAL	1	EA	1.184,52	1.184,52	7,00	82,92	1.267,44
3844428-2	BOLT	4	EA	316,83	1.267,32	7,00	88,71	1.356,03
3844465-1	PIN, LOCATING	1	EA	174,19	174,19	7,00	12,19	186,38
3844466-1	BOLT	3	EA	161,17	483,51	7,00	33,85	517,36
3844467-1	SEAL RING, STATIC	1	EA	1.840,68	1.840,68	7,00	128,85	1.969,53
3844470-1	TAB, LOCKING	3	EA	207,96	623,88	7,00	43,67	667,55
3844515-2	GASKET	2	EA	110,90	221,80	7,00	15,53	237,33
3844605-1	RING, SEAL	1	EA	912,15	912,15	7,00	63,85	976,00
3844606-1	SEAL	1	EA	1.047,84	1.047,84	7,00	73,35	1.121,19
3844607-1	SEAL STRIP FIRST STG NOZZLE	10	EA	175,99	1.759,90	7,00	123,19	1.883,09
3844608-1	SEAL, STRIP	10	EA	144,19	1.441,90	7,00	100,93	1.542,83
3844612-1	RING, SEAL	1	EA	371,90	371,90	7,00	26,03	397,93
3844612-2	RING SEAL	1	EA	385,07	385,07	7,00	26,95	412,02
3844612-3	RING SEAL	1	EA	381,40	381,40	7,00	26,70	408,10
3860830-1	DISK, SEAL, AIR/OIL, ROTATING	1	EA	645,33	645,33	7,00	45,17	690,50
3863104-1	SEAL-AIR/OIL	1	EA	1.271,53	1.271,53	7,00	89,01	1.360,54
3881248-2	GASKET	4	EA	24,80	99,20	7,00	6,94	106,14
525-121-9003	NUT	8	EA	16,28	130,24	7,00	9,12	139,36
525-662-9006	NUT	2	EA	22,55	45,10	7,00	3,16	48,26

Brought forward = 51.319,56



Enclosure to our invoice	Our order	Your purchase order	Invoice date	Currency
77055575	66068186	HA70754012; HVN SN P-00250; HGT1700	03. Jun 2022	USD

Item = 000010

Brought forward = 51.319,56

P/N	Description	Quantity	Unit	Unit price	Amount	Handling %	Handling	
561-515-0001	PREFORMED PACKING	2	EA	2,99	5,98	7,00	0,42	6,40
561-518-9003	PACKING	1	EA	22,50	22,50	7,00	1,58	24,08
651-535-9115	SEAL, INTERNAL- EXTERNAL PRESS	1	EA	565,00	565,00	7,00	39,55	604,55
70720308-2	DUCT, SURGE AIR	1	EA	82.692,86	82.692,86	0,00	3.000,00	85.692,86
70721452-1	IGNITER PLUG - HIGH VOLTAGE	1	EA	2.656,76	2.656,76	7,00	185,97	2.842,73
73563-11	KEY, NUT-LOCKING	1	EA	113,38	113,38	7,00	7,94	121,32
73563-50	KEY-NUT, LOCKING	1	EA	109,43	109,43	7,00	7,66	117,09
73563-53	KEY NUT, LOCKING	1	EA	208,00	208,00	7,00	14,56	222,56
AS1895-7-600	SEAL	1	EA	22,96	22,96	7,00	1,61	24,57
AS1895/4L600	COUPLING V-FLANGE	1	EA	7.272,09	7.272,09	7,00	509,05	7.781,14
AS3209-013	PACKING-PREFORMED	14	EA	1,12	15,68	7,00	1,10	16,78
AS3209-015	PACKING-PREFORMED	3	EA	2,17	6,51	7,00	0,46	6,97
AS3209-023	PACKING-PREFORMED	1	EA	0,15	0,15	7,00	0,01	0,16
AS3303-06	BOLT,MACHINE,HEX,HD	28	EA	3,75	105,00	7,00	7,35	112,35
AS4824N06	GASKET FITTING END	2	EA	3,36	6,72	7,00	0,47	7,19
CR3553-4-03	rivet	10	EA	1,36	13,60	7,00	0,96	14,56
M25988-2-012	PACKING-PREFORMED	8	EA	0,21	1,68	7,00	0,12	1,80
M25988-2-908	PACKING	1	EA	0,57	0,57	7,00	0,04	0,61
M25988/2-011	O-RING	12	EA	1,26	15,12	7,00	1,06	16,18
M25988/2-013	O-RING	8	EA	3,08	24,64	7,00	1,72	26,36
M25988/2-036	O-RING	1	EA	1,08	1,08	7,00	0,08	1,16
M25988/2-904	O-RING	1	EA	3,05	3,05	7,00	0,21	3,26
M83248-1-125	O RING	1	EA	0,22	0,22	7,00	0,02	0,24
M83248-1-145	O-RING	1	EA	0,73	0,73	7,00	0,05	0,78
M83248/1-012	O-RING VITON	2	EA	0,15	0,30	7,00	0,02	0,32
M83248/1-017	O-RING	10	EA	0,88	8,80	7,00	0,62	9,42
M83248/1-022	O-RING	1	EA	0,14	0,14	7,00	0,01	0,15
M83248/1-038	O-RING VITON	1	EA	4,03	4,03	7,00	0,28	4,31
M83248/1-042	O-RING	4	EA	0,73	2,92	7,00	0,20	3,12
M83248/1-113	O-RING	4	EA	0,30	1,20	7,00	0,08	1,28
M83248/1-144	PACKING	2	EA	0,65	1,30	7,00	0,10	1,40
M83248/1-216	O-RING PACKING GASKET ADP/EDP	1	EA	0,84	0,84	7,00	0,06	0,90
M83248/1-228	O RING VITON	2	EA	0,59	1,18	7,00	0,08	1,26
M83248/1-280	O-RING	2	EA	41,08	82,16	7,00	5,76	87,92
M83413/8-G009BB	JUMPER	1	EA	12,84	12,84	7,00	0,90	13,74
M83413/8-G011BB	JUMPER ASSY	1	EA	4,50	4,50	7,00	0,32	4,82
MS15795-849	Washer Flat	14	EA	0,08	1,12	7,00	0,08	1,20
MS21043-3	NUT-SELF LOCKING	278	EA	1,08	300,24	7,00	21,02	321,26
MS21043-4	NUT SELFLOCKING	57	EA	6,66	379,62	7,00	26,58	406,20
MS35769-10	GASKET-METALLIC ENCASED	2	EA	0,68	1,36	7,00	0,10	1,46
MS35769-11	GASKET COPPER	1	EA	0,33	0,33	7,00	0,02	0,35
MS35769-8	GASKET COP	1	EA	3,47	3,47	7,00	0,24	3,71
MS9386-258	O-RING	1	EA	16,01	16,01	7,00	1,12	17,13
MS9489-04	BOLT HEX CRES	4	EA	4,00	16,00	7,00	1,12	17,12
MS9489-07	BOLT HEX CRES	9	EA	0,58	5,22	7,00	0,26	3,91
MS9489-08	BOLT-MACH	14	EA	4,20	58,80	7,00	4,12	62,92

Brought forward = 149.929,16



Enclosure to our invoice	Our order	Your purchase order	Invoice date	Currency
77055575	66068186	HA70754012; HVN SN P-00250; HGT1700	03. Jun 2022	USD

Item = 000010

Brought forward = 149.929,16

P/N	Description	Quantity	Unit	Unit price	Amount	Handling %	Handling	
MS9489-22	BOLT HEX CRES	14	EA	20,02	280,28	7,00	19,62	299,90
MS9489-32	BOLT	1	EA	19,00	19,00	7,00	1,33	20,33
MS9490-09	BOLT HEX CRES	19	EA	2,69	51,11	7,00	2,50	38,28
MS9492-10	BOLT MACHINE	11	EA	71,26	783,86	7,00	54,87	838,73
MS9500-18	BOLT HEX CRES	19	EA	2,81	53,39	7,00	3,74	57,13
MS9503-10	BOLT HEX	1	EA	24,44	24,44	7,00	1,71	26,15
MS9552-004	plate	1	EA	13,25	13,25	7,00	0,93	14,18
MS9552-008	BRACKET FLAT	1	EA	0,68	0,68	7,00	0,05	0,73
MS9552-012	BRACKET FLAT	1	EA	15,00	15,00	7,00	1,05	16,05
MS9552-014	BRACKET	1	EA	1,15	1,15	7,00	0,08	1,23
MS9552-024	BRACKET FLAT	1	EA	24,26	24,26	7,00	1,70	25,96
MS9556-04	BOLT-MACH	2	EA	1,52	3,04	7,00	0,21	3,25
MS9556-05	BOLT 12 POINT	104	EA	1,44	149,76	7,00	10,48	160,24
MS9556-06	BOLT 12 POINT CRES	43	EA	1,91	82,13	7,00	5,75	87,88
MS9556-07	BOLT-MACH	18	EA	1,18	21,24	7,00	1,49	22,73
MS9556-08	BOLT-MACH,DH	21	EA	1,07	22,47	7,00	1,57	24,04
MS9556-09	BOLT-MACH (10TH STATOR)	6	EA	2,44	14,64	7,00	1,02	15,66
MS9556-10	BOLT 12 POINT	9	EA	1,36	12,24	7,00	0,86	13,10
MS9556-12	BOLT-MACH	66	EA	0,88	58,08	7,00	4,06	62,14
MS9556-13	BOLT 12 POINT	4	EA	1,03	4,12	7,00	0,28	4,40
MS9556-14	BOLT	1	EA	2,33	2,33	7,00	0,16	2,49
MS9556-15	BOLT MACHINE DOUBLE HEX	2	EA	3,46	6,92	7,00	0,48	7,40
MS9556-20	BOLT	3	EA	2,34	7,02	7,00	0,49	7,51
MS9556-22	BOLT	1	EA	1,55	1,55	7,00	0,11	1,66
MS9556-28	BOLT	3	EA	2,15	6,45	7,00	0,45	6,90
MS9557-08	BOLT	3	EA	1,09	3,27	7,00	0,23	3,50
MS9557-10	BOLT 12 POINT CRES	20	EA	1,00	20,00	7,00	1,40	21,40
MS9557-11	BOLT-MACH	24	EA	10,37	248,88	7,00	17,42	266,30
MS9557-12	BOLT 12 POINT CRES	3	EA	2,66	7,98	7,00	0,56	8,54
MS9557-27	BOLT	8	EA	3,12	24,96	7,00	1,74	26,70
MS9581-09	WASHER KEY CRES	28	EA	0,21	5,88	7,00	0,41	6,29
MS9592-010	BRACKET	2	EA	6,38	12,76	7,00	0,89	13,65
MS9592-016	BRACKET	1	EA	1,04	1,04	7,00	0,07	1,11
MS9592-018	BRACKET	1	EA	6,25	6,25	7,00	0,44	6,69
MS9592-050	BRACKET	1	EA	7,77	7,77	7,00	0,54	8,31
MS9592-130	BRACKET ANGLE 90 DEGREES CRESS	2	EA	6,28	12,56	7,00	0,88	13,44
MS9592-220	BRACKET ANGLE 90 DEGREES CRESS	3	EA	7,76	23,28	7,00	1,63	24,91
MS9592-384	BRACKET ANGLE 90 DEGREES CRESS	1	EA	3,90	3,90	7,00	0,27	4,17
MS9593-250	BRACKET ANGLE 90 DEGREES CRESS	1	EA	84,08	84,08	7,00	5,89	89,97
MS9902-05	PLUG	1	EA	56,11	56,11	7,00	3,93	60,04
MS9902-06	PLUG-MACH THD,DRILL	1	EA	16,59	16,59	7,00	1,16	17,75
NAS1102E3-7	SCREW 100 CSK TORQU SET	4	EA	3,38	13,52	7,00	0,95	14,47
NAS1149C0332R	WASHER	59	EA	3,48	205,32	7,00	14,37	219,69
NAS1149C0432R	WASHER	0,12	HU	4,13	0,50	7,00	0,04	0,54
NAS1149CN542R	WASHER	10	EA	0,04	0,40	7,00	0,02	0,42
NAS1726C6S	NUT CAPTIVE WASHER	16	EA	4,25	68,00	7,00	4,76	72,76

Brought forward = 152.567,88



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77055575	66068186	HA70754012; HVN SN P-00250; HGT1700	03. Jun 2022	USD

Item = 000010

Brought forward = 152.567,88

P/N	Description	Quantity	Unit	Unit price	Amount	Handling %	Handling	
NAS1802-3-20	SCREW	8	EA	5,16	41,28	7,00	2,89	44,17
NAS43DD3-16N	SPACER SCREW	2	EA	1,30	2,60	7,00	0,18	2,78
NAS43DD3-24N	SPACER SCREW ALU	2	EA	0,90	1,80	7,00	0,13	1,93
NAS43DD3-32N	SPACER	4	EA	0,49	1,96	7,00	0,14	2,10
NAS43DD3-42N	SPACER SCREW ALU	1	EA	0,40	0,40	7,00	0,03	0,43
NAS43DD3-60N	SPACER SCREW ALU	3	EA	10,47	31,41	7,00	2,20	33,61
NAS43DD3-64N	SPACER SCREW ALU	3	EA	1,70	5,10	7,00	0,36	5,46
NAS43DD3-8N	SPACER SCREW ALU	4	EA	2,35	9,40	7,00	0,65	10,05
NAS43DD3-96N	SPACER SCREW ALU	3	EA	0,80	2,40	7,00	0,17	2,57
NAS620C10	WASHER REDUCED OD	2	EA	3,07	6,14	7,00	0,42	6,56
NAS620C10L	WASHER REDUCED OD	63	EA	0,20	12,60	7,00	0,89	13,49
NAS620C416L	WASHER REDUCED OD	103	EA	3,00	309,00	7,00	21,63	330,63
NAS6703U11	BOLT	1	EA	9,63	9,63	7,00	0,67	10,30
NAS6704-9	BOLT, HEX HEAD	1	EA	1,60	1,60	7,00	0,11	1,71
S8187A	SEAL	1	EA	1,58	1,58	7,00	0,11	1,69
S8990-010	PACKING-PREFORMED	5	EA	0,44	2,20	7,00	0,15	2,35
S8990-011	PACKING-PREFORMED	2	EA	0,38	0,76	7,00	0,05	0,81
S8990-012	PACKING	1	EA	0,99	0,99	7,00	0,07	1,06
S8990-013	PACKING	4	EA	0,30	1,20	7,00	0,08	1,28
S8990-015	Preformed Packing	1	EA	0,39	0,39	7,00	0,03	0,42
S8990-167	PACKING	1	EA	13,90	13,90	7,00	0,97	14,87
S8990-274	PACKING	1	EA	15,05	15,05	7,00	1,05	16,10
S8990-276	PACKING	2	EA	15,50	31,00	7,00	2,17	33,17
S8990-279	PACKING	1	EA	34,00	34,00	7,00	2,38	36,38
S8990-281	PACKING	1	EA	22,60	22,60	7,00	1,58	24,18
S8990-282	PACKING	1	EA	30,10	30,10	7,00	2,11	32,21
S8990-283	PREFORMED PACKING	1	EA	35,40	35,40	7,00	2,48	37,88
S8990-605	Packing Preformed	1	EA	0,43	0,43	7,00	0,03	0,46
S8990-606	Packing Preformed	3	EA	0,39	1,17	7,00	0,08	1,25
S9011F3-060	WASHER, SPACER	14	EA	10,64	148,96	7,00	10,43	159,39
S9414-1-013-2	PACKING	1	EA	81,50	81,50	7,00	5,71	87,21
S9869-3	PREFORMED FLUOROCARBON SPECIAL	1	EA	637,63	637,63	7,00	44,63	682,26

**\* Gearbox Assembly****\*\* Fixed price**

Description	Quantity	Unit	Unit price	
Routine Work-Visual Inspection	1	EA	1.544,00	1.544,00

**\* Load Compressor Assembly****\*\* Fixed price**

Description	Quantity	Unit	Unit price	
Routine Work - Light/Medium	1	EA	17.628,00	17.628,00

**\*\* Fixed price parts repair**

P/N	Description	Work package	Quantity	Unit	Unit price	
3826986-2	HOUSING-INLET GUIDE VANE	002	1	EA	3.800,00	3.800,00

Brought forward = 3.800,00



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77055575	66068186	HA70754012; HVN SN P-00250; HGT1700	03. Jun 2022	USD

Item = 000010

Brought forward = 3.800,00

P/N	Description	Work package	Quantity	Unit	Unit price	
3826986-2	HOUSING-INLET GUIDE VANE	001	1	EA	2.230,00	2.230,00
3827524-2	SHROUD, LC IMPELLER	001	1	EA	2.170,00	2.170,00
3827539-1	RETAINER, BEARING	001	1	EA	1.595,00	1.595,00
70720131-5	HOUSING, SCROLL	002	1	EA	1.860,00	1.860,00
70720131-5	HOUSING, SCROLL	001	1	EA	985,00	985,00
70720133-2	HOUSING, INLET, LC	001	1	EA	8.960,00	8.960,00
70720133-2	HOUSING, INLET, LC	BAS	1	EA	2.040,00	2.040,00
70720133-2	HOUSING, INLET, LC	002	1	EA	1.150,00	1.150,00
70720602-3	MOUNT HOUSING	BAS	1	EA	1.750,00	1.750,00
NONPROC004	Load Comp. Assy	002	1	EA	2.925,00	2.925,00

**\*\* Labour** **897,00**

Description	Quantity	Unit	Rate	Amount	
Engine Overhaul Shop	13,000	H	69,00	897,00	897,00

**\*\* Material consumption** **56.050,88**

P/N	Description	Quantity	Unit	Unit price	Amount	Handling %	Handling	
159-527-9106	BUSHING	28	EA	6,15	172,20	7,00	12,05	184,25
3822584-1	BEARING, BALL	1	EA	7.851,59	7.851,59	7,00	549,61	8.401,20
3827070-1	BEARING, SLEEVE, RING GEAR	1	EA	5.309,32	5.309,32	7,00	371,65	5.680,97
3827534-5	ASSEMBLY, SEAL	1	EA	13.209,63	13.209,63	7,00	924,67	14.134,30
3840228-2	ROLLER BEARING SET	1	EA	10.207,55	10.207,55	7,00	714,53	10.922,08
423-603-9034	INSERT	2	EA	37,30	74,60	7,00	5,22	79,82
472405090	METCO 450 NS	0,400	KG	57,85	23,14	7,00	1,62	24,76
472406070	AMDRY 2010	2,000	KG	201,79	403,58	7,00	28,26	431,84
70720601-2	HOUSING, SUPPORT, BEARING	1	EA	15.132,39	15.132,39	7,00	1.059,27	16.191,66

**\* Power Section Assembly** **584.270,64**

**\*\* Fixed price** **25.182,00**

Description	Quantity	Unit	Unit price	
Routine Work - Light/Medium	1	EA	25.182,00	25.182,00

**\*\* Fixed price parts repair** **98.705,00**

P/N	Description	Work package	Quantity	Unit	Unit price	
3827539-1	RETAINER, BEARING	001	1	EA	1.595,00	1.595,00
3840281-1	SEAL ASSY, ROTATING	001	1	EA	2.385,00	2.385,00
3842329-4	BLADE ROTOR, 2ND STG ASSY	001	35	EA	140,00	4.900,00
3844481-2	SHROUD, TURBINE, 1STG	BAS	10	EA	635,00	6.350,00
3844602-6	NOZZLE, SEGMENT 1ST STG	001	8	EA	2.875,00	23.000,00
70720029-1	IMPELLER, EC, 1ST STAGE	001	1	EA	1.455,00	1.455,00
70720033-2	DESWIRL, EC- FIRST STAGE	001	1	EA	8.350,00	8.350,00
70720033-2	DESWIRL, EC- FIRST STAGE	003	1	EA	2.195,00	2.195,00
70720034-1	COMPRESSOR HOUSING- SECOND STG	001	1	EA	1.975,00	1.975,00
70720134-1	HOUSING ASSY, INLET, EC	BAS	1	EA	8.355,00	8.355,00
70720143-3	HOUSING, EDUCTOR	001	1	EA	2.355,00	2.355,00
70720182-2	CHAMBER, COMBUSTOR	001	1	EA	35.790,00	35.790,00



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<b>** Labour</b>								<b>345,00</b>
	<i>Description</i>	<i>Quantity</i>	<i>Unit</i>	<i>Rate</i>	<i>Amount</i>			
	Engine Overhaul Shop	5,000	H	69,00	345,00			345,00

<b>** Material consumption</b>								<b>460.038,64</b>
<i>P/N</i>	<i>Description</i>	<i>Quantity</i>	<i>Unit</i>	<i>Unit price</i>	<i>Amount</i>	<i>Handling %</i>	<i>Handling</i>	
3822584-1	BEARING, BALL	1	EA	7.851,59	7.851,59	7,00	549,61	8.401,20
3822595-2	SEAL, LABYRYNTH	1	EA	2.438,01	2.438,01	7,00	170,66	2.608,67
3822610-1	COUPLING, SHAFT	1	EA	39.498,71	39.498,71	7,00	2.764,91	42.263,62
3827076-3	VANE, IGV, REGULAR	6	EA	557,40	3.344,40	7,00	234,11	3.578,51
3827179-3	VANE, INLET GUIDE	1	EA	636,30	636,30	7,00	44,54	680,84
3827537-2	SEAL ASSY	2	EA	3.901,02	7.802,04	7,00	546,14	8.348,18
3827572-1	BLANKET	1	EA	3.945,33	3.945,33	7,00	276,17	4.221,50
3840130-1	BEARING, SET, ROLLER	1	EA	9.650,56	9.650,56	7,00	675,54	10.326,10
3842153-3	BLADE , ROTOR 1ST STG	32	EA	11.143,29	356.585,28	0,00	4.500,00	361.085,28
3844602-6	NOZZLE, SEGMENT 1ST STG	2	EA	6.401,86	12.803,72	7,00	627,38	9.589,98
	Discount -30,00 % for used material				-3.841,12			
3844912-2	SEAL, TURBINE	1	EA	5.681,98	5.681,98	7,00	397,74	6.079,72
472405090	METCO 450 NS	0,400	KG	57,85	23,14	7,00	1,62	24,76
472406070	AMDRY 2010	3,000	KG	201,79	605,37	7,00	42,38	647,75
70720739-3	BLANKET, INSULATION	3	EA	668,88	2.006,64	7,00	140,46	2.147,10
NAS43DD3-24N	SPACER SCREW ALU	1	EA	0,90	0,90	7,00	0,06	0,96
NAS43DD3-60N	SPACER SCREW ALU	3	EA	10,47	31,41	7,00	2,20	33,61
NAS43DD3-96N	SPACER SCREW ALU	1	EA	0,80	0,80	7,00	0,06	0,86





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Item: 000020		LRU Repair & Overhaul					49.740,78	
* APU							49.740,78	
** SWITCH-LOW FUEL P/N:3876187-4							5.293,74	
*** Material consumption							5.293,74	
P/N	Description	Quantity	Unit	Unit price	Amount	Handling %	Handling	
3876187-4	SWITCH-LOW FUEL	1	EA	7.067,75	7.067,75	7,00	346,32	
	Discount -30,00 % for used material				-2.120,33		5.293,74	
** VALVE-AUXILLIARY POWER UNIT P/N:70721870-1							828,00	
*** Labour							828,00	
	Description	Quantity	Unit	Rate	Amount			
	Engine Overhaul Shop	12,000	H	69,00	828,00		828,00	
** COOLER ASSY-OIL P/N:70720249-1							478,96	
*** Labour							427,80	
	Description	Quantity	Unit	Rate	Amount			
	Engine Overhaul Shop	6,200	H	69,00	427,80		427,80	
*** Material consumption							51,16	
P/N	Description	Quantity	Unit	Unit price	Amount	Handling %	Handling	
537315697	Filterpaper	2	EA	3,83	7,66	7,00	0,54	
537925846	Plug Oil Cooler APU	2	EA	8,00	16,00	7,00	1,12	
656-147-9105	Screw-Captive	1	EA	24,15	24,15	7,00	1,69	
							8,20	
							17,12	
							25,84	
** THERMOCOUPLE APU P/N:70720273-1							3.735,44	
*** Material consumption							3.735,44	
P/N	Description	Quantity	Unit	Unit price	Amount	Handling %	Handling	
70720273-1	THERMOCOUPLE APU	2	EA	1.745,53	3.491,06	7,00	244,38	
							3.735,44	
** SENSOR-LOW OIL QTY P/N:70720171-1							9.062,41	
*** Material consumption							9.062,41	
P/N	Description	Quantity	Unit	Unit price	Amount	Handling %	Handling	
70720171-2	SENSOR-LOW OIL QTY	1	EA	12.099,34	12.099,34	7,00	592,87	
	Discount -30,00 % for used material				-3.629,80		9.062,41	
** APU STARTER GENERATOR P/N:70720176-3							10.187,29	
*** Labour							1.711,20	
	Description	Quantity	Unit	Rate	Amount			
	Engine Overhaul Shop	24,800	H	69,00	1.711,20		1.711,20	
*** Material consumption							8.476,09	
P/N	Description	Quantity	Unit	Unit price	Amount	Handling %	Handling	
1549704-8	CAP-PROTECTIVE	1	EA	8,32	8,32	7,00	0,58	
							8,90	
Brought forward =							8,90	

Brought forward = 8,90



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Item = 000020

Brought forward = 8,90

P/N	Description	Quantity	Unit	Unit price	Amount	Handling %	Handling	
65050657-1	BEARING, BALL	2	EA	3.469,92	6.939,84	7,00	485,79	7.425,63
65054755-1	WASHER, WAVE	1	EA	270,85	270,85	7,00	18,96	289,81
C10-221LH	SAFTY-CABLE KIT 21 IN LH-LOGO	7	EA	1,59	11,13	7,00	0,78	11,91
DP65057936-10	ID PLATE SER	1	EA	311,34	311,34	7,00	21,79	333,13
DP65057936-11	ID PLATE PNR	1	EA	311,34	311,34	7,00	21,79	333,13
M83248/1-211	O-RING VITON	1	EA	0,21	0,21	7,00	0,01	0,22
MS16625-4050	RING INT RETAINE	1	EA	0,84	0,84	7,00	0,06	0,90
MS16625-4112	RING INT RETAINE	1	EA	6,25	6,25	7,00	0,44	6,69
MS35338-137	WASHER-LOCK	3	EA	4,38	13,14	7,00	0,92	14,06
MS35338-139	WASHER LOCK SPRING	14	EA	0,07	0,98	7,00	0,07	1,05
NAS1149C0463R	WASHER	4	EA	0,03	0,12	7,00	0,01	0,13
NAS1149CN832R	Washer Plain	0,02	HU	38,00	0,76	7,00	0,05	0,81
NAS620C416L	WASHER REDUCED OD	10	EA	3,00	30,00	7,00	2,10	32,10
S10009N38Y	LABEL, CAUTION	1	EA	16,37	16,37	7,00	1,15	17,52
WW0	CAP PROTECTIVE	1	EA	0,06	0,06	7,00	0,00	0,06
WW7	CAP PROTECTIVE	1	EA	0,04	0,04	7,00	0,00	0,04

**\*\* WIRING HARNESS, APU M ROUTE P/N:70721545-1**

**1.346,69**

**\*\*\* Labour**

**1.200,60**

Description	Quantity	Unit	Rate	Amount	
Engine Overhaul Shop	17,400	H	69,00	1.200,60	1.200,60

**\*\*\* Material consumption**

**146,09**

P/N	Description	Quantity	Unit	Unit price	Amount	Handling %	Handling	
ESW1900	Lacing Tape ESW1900	1	EA	136,53	136,53	7,00	9,56	146,09

**\*\* WIRING HARNESS, APU AND SG S P/N:70721544-1**

**1.871,09**

**\*\*\* Labour**

**1.725,00**

Description	Quantity	Unit	Rate	Amount	
Engine Overhaul Shop	25,000	H	69,00	1.725,00	1.725,00

**\*\*\* Material consumption**

**146,09**

P/N	Description	Quantity	Unit	Unit price	Amount	Handling %	Handling	
ESW1900	Lacing Tape ESW1900	1	EA	136,53	136,53	7,00	9,56	146,09

**\*\* DRIVE SHAFT ASSEMBLY P/N:65052735-2**

**96,60**

**\*\*\* Labour**

**96,60**

Description	Quantity	Unit	Rate	Amount	
Engine Overhaul Shop	1,400	H	69,00	96,60	96,60

**\*\* END BELL ASSEMBLY P/N:65052671-1**

**732,79**

**\*\*\* Labour**

**731,40**

Description	Quantity	Unit	Rate	Amount	
Engine Overhaul Shop	10,600	H	69,00	731,40	731,40



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77055575	66068186	HA70754012; HVN SN P-00250; HGT1700	03. Jun 2022	USD

<b>*** Material consumption</b>								<b>1,39</b>
<i>P/N</i>	<i>Description</i>	<i>Quantity</i>	<i>Unit</i>	<i>Unit price</i>	<i>Amount</i>	<i>Handling %</i>	<i>Handling</i>	
AS3209-012	PACKING-PREFORMED	1	EA	1,30	1,30	7,00	0,09	1,39

**\*\* STATOR AND HOUSING ASSEMBLY P/N:65052668-1**

<b>*** Labour</b>								<b>790,92</b>
	<i>Description</i>	<i>Quantity</i>	<i>Unit</i>	<i>Rate</i>	<i>Amount</i>			
	Engine Overhaul Shop	11,400	H	69,00	786,60			786,60

<b>*** Material consumption</b>								<b>4,32</b>
<i>P/N</i>	<i>Description</i>	<i>Quantity</i>	<i>Unit</i>	<i>Unit price</i>	<i>Amount</i>	<i>Handling %</i>	<i>Handling</i>	
C10-118LH	SAFTY-CABLE KIT 18 IN LH-LOGO	2	EA	1,68	3,36	7,00	0,24	3,60
EP-12	cap plug	1	EA	0,04	0,04	7,00	0,00	0,04
MS35338-138	WASHER LOCK SPRING	4	EA	0,16	0,64	7,00	0,04	0,68

**\*\* IGNITER LEAD P/N:3876132-15**

<b>*** Material consumption</b>								<b>2.045,70</b>
<i>P/N</i>	<i>Description</i>	<i>Quantity</i>	<i>Unit</i>	<i>Unit price</i>	<i>Amount</i>	<i>Handling %</i>	<i>Handling</i>	
3876132-16	IGNITER LEAD	1	EA	1.911,87	1.911,87	7,00	133,83	2.045,70

**\*\* TRANSDUCER MOTIONAL P/N:3876212-2**

<b>*** Material consumption</b>								<b>4.551,41</b>
<i>P/N</i>	<i>Description</i>	<i>Quantity</i>	<i>Unit</i>	<i>Unit price</i>	<i>Amount</i>	<i>Handling %</i>	<i>Handling</i>	
3876212-2	TRANSDUCER MOTIONAL	1	EA	6.076,64	6.076,64	7,00	297,76	4.551,41
	Discount -30,00 % for used material				-1.822,99			

**\*\* CHIP DETECTOR P/N:3876189-2**

<b>*** Labour</b>								<b>277,69</b>
	<i>Description</i>	<i>Quantity</i>	<i>Unit</i>	<i>Rate</i>	<i>Amount</i>			
	Engine Overhaul Shop	4,000	H	69,00	276,00			276,00

<b>*** Material consumption</b>								<b>1,69</b>
<i>P/N</i>	<i>Description</i>	<i>Quantity</i>	<i>Unit</i>	<i>Unit price</i>	<i>Amount</i>	<i>Handling %</i>	<i>Handling</i>	
AS3209-011	PACKING-PREFORMED	1	EA	1,58	1,58	7,00	0,11	1,69

**\*\* FUEL CONTROL UNIT P/N:70720165-1**

<b>*** Labour</b>								<b>8.442,05</b>
	<i>Description</i>	<i>Quantity</i>	<i>Unit</i>	<i>Rate</i>	<i>Amount</i>			
	Engine Overhaul Shop	16,600	H	69,00	1.145,40			1.145,40

<b>*** Material consumption</b>								<b>7.296,65</b>
<i>P/N</i>	<i>Description</i>	<i>Quantity</i>	<i>Unit</i>	<i>Unit price</i>	<i>Amount</i>	<i>Handling %</i>	<i>Handling</i>	
2666850-113	PACKING, PREFORMED	1	EA	11,91	11,91	7,00	0,83	12,74
2666850-120	PACKING, PREFORMED	1	EA	10,59	10,59	7,00	0,74	11,33
2666850-14	PACKING, PREFORMED	1	EA	15,74	15,74	7,00	1,10	16,84

Brought forward = 40,91



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77055575	66068186	HA70754012; HVN SN P-00250; HGT1700	03. Jun 2022	USD

Item = 000020

Brought forward = 40,91

P/N	Description	Quantity	Unit	Unit price	Amount	Handling %	Handling	
2666850-17	PACKING	1	EA	23,37	23,37	7,00	1,64	25,01
2666850-24	O RING	1	EA	30,04	30,04	7,00	2,10	32,14
2666850-37	PACKING, PREFORMED	2	EA	85,69	171,38	7,00	12,00	183,38
2667998-24	PACKING	1	EA	7,32	7,32	7,00	0,51	7,83
2670890-1	PACKING, PREFORMED	4	EA	7,77	31,08	7,00	2,18	33,26
2670890-3	PACKING	2	EA	51,16	102,32	7,00	7,16	109,48
2675459-23	CABLE TIE, SELF-LOCKING	4	EA	24,46	97,84	7,00	6,84	104,68
2681436	SEAL, PLAIN ENCASED	1	EA	1.627,65	1.627,65	7,00	113,94	1.741,59
2683274	PLATE OUTLET	1	EA	504,68	504,68	7,00	35,33	540,01
2683276	BEARING, FIXED SIDE	1	EA	638,01	638,01	7,00	44,66	682,67
2683277	BEARING FLOAT SIDE	1	EA	564,46	564,46	7,00	39,51	603,97
2685315	ROTOR SEAL	1	EA	2.824,17	2.824,17	7,00	197,69	3.021,86
2689314-A10	PACKING, PREFORMED	1	EA	12,43	12,43	7,00	0,87	13,30
2689315-A10	PACKING, PREFORMED	1	EA	12,86	12,86	7,00	0,90	13,76
3882496-1	SEDIMENT FILTER ELEMENT	1	EA	130,81	130,81	7,00	9,16	139,97
M25988-2-218	O-RING	1	EA	1,56	1,56	7,00	0,11	1,67
M25988/2-036	O-RING	1	EA	1,08	1,08	7,00	0,08	1,16