

Remote Helicopters

Ident: C-GRHU
 Model: Bell 205A-1++
 Serial: 30161

REV: C-GRHU S/N:30161 [2022-11-08T21:01:14.544Z]

Empty Weight and Balance Report

| Description | Action | Weight lbs | Long Arm in | Moment(H) lb-in | Lat Arm in | Moment(L) lb-in |
|-------------------------------------|------------|---------------|---------------|------------------|--------------|-----------------|
| Scaled On: 2018-11-07 | As weighed | 5942.50lbs | 145.52in | 864765.93lb-in | -0.54in | -3223.06lb-in |
| EMPTY WEIGHT C of G - Total: | | 5942.5 | 145.52 | 864765.93 | -0.54 | -3223.06 |

Amendment # 1 Dated: 2019-01-03

| Part # | STC # | Description | Option | Weight lbs | Long Arm in | Moment(H) lb-in | Lat Arm in | Moment(L) lb-in |
|-------------------------------------|---------|-----------------------------|-----------|----------------|---------------|------------------|--------------|-----------------|
| | SH92-43 | Dart Cabin Door Roller | Installed | 1.64 | 130.00 | 213.20 | 0.00 | 0.00 |
| | SH92-43 | Dart Replacement Door Track | Installed | 0.50 | 130.00 | 65.00 | 0.00 | 0.00 |
| EMPTY WEIGHT C of G - Total: | | | | 5944.64 | 145.52 | 865044.13 | -0.54 | -3223.06 |

Amendment # 2 Dated: 2020-04-08

| Part # | STC # | Description | Option | Weight lbs | Long Arm in | Moment(H) lb-in | Lat Arm in | Moment(L) lb-in |
|-------------------------------------|-------------|-------------------|-----------|----------------|---------------|------------------|--------------|-----------------|
| | CARS 602.60 | Survival Kits | Installed | 58.00 | 68.80 | 3990.40 | 0.00 | 0.00 |
| | CAR602.60 | Survival Kit | Removed | 36.00 | 165.00 | 5940.00 | -22.00 | -792.00 |
| | | BALLAST R/H (RHU) | Removed | 29.50 | 6.10 | 179.95 | 6.20 | 182.90 |
| | | BALLAST R/H (RHU) | Removed | 30.50 | 6.10 | 186.05 | 6.20 | 189.10 |
| EMPTY WEIGHT C of G - Total: | | | | 5906.64 | 146.06 | 862728.53 | -0.47 | -2803.06 |

Amendment # 3 Dated: 2021-11-22

| Part # | STC # | Description | Option | Weight lbs | Long Arm in | Moment(H) lb-in | Lat Arm in | Moment(L) lb-in |
|-------------------------------------|-------------|-------------------|-----------|----------------|---------------|------------------|--------------|-----------------|
| | CARS 602.60 | Survival Kits | Removed | 58.00 | 68.80 | 3990.40 | 0.00 | 0.00 |
| | | BALLAST R/H (RHU) | Installed | 29.50 | 6.10 | 179.95 | 6.20 | 182.90 |
| | | BALLAST R/H (RHU) | Installed | 20.00 | 6.10 | 122.00 | 6.20 | 124.00 |
| EMPTY WEIGHT C of G - Total: | | | | 5898.14 | 145.65 | 859040.08 | -0.42 | -2496.16 |

Amendment # 4 Dated: 2022-02-07

| Part # | STC # | Description | Option | Weight lbs | Long Arm in | Moment(H) lb-in | Lat Arm in | Moment(L) lb-in |
|-------------------------------------|---------|-------------------|-----------|----------------|---------------|------------------|--------------|-----------------|
| | SH20-4 | Avio Ipad Mount | Installed | 2.50 | 35.00 | 87.50 | 0.00 | 0.00 |
| | SH03-14 | Garman GPS/ mount | Removed | 0.89 | 24.00 | 21.36 | 0.00 | 0.00 |
| EMPTY WEIGHT C of G - Total: | | | | 5899.75 | 145.62 | 859106.22 | -0.42 | -2496.16 |

Equipment Lists

Installed Equipment List

| Part # | STC # | Description | Weight lbs | Long Arm in | Lat Arm in |
|--------------|---------------|--|------------|-------------|------------|
| | | 205 Aux Tanks (Small) - 20 Gallons L/H and R/H | 41.90 | 149.20 | 0.00 |
| | | 205 Cargo Hook (Load Location) | 0.00 | 137.50 | 0.00 |
| | | 205 Hover Exit Position (Load Location) | 0.00 | 102.00 | 54.00 |
| | SH95-12 | 212 Blades and -17 Engine | 78.00 | 133.50 | 0.00 |
| | SH93-64 | AAI Sliding Door Push out Window | 0.00 | 0.00 | 0.00 |
| | | BALLAST L/H (RHU) | 66.50 | 3.40 | -4.20 |
| | | BALLAST L/H (RHU) | 34.00 | 3.40 | -4.20 |
| | | BALLAST R/H (RHU) | 20.00 | 6.10 | 6.20 |
| | | BALLAST R/H (RHU) | 29.50 | 6.10 | 6.20 |
| | SH08-55 | BLR Fast FIN and Strakes | 7.10 | 353.70 | 0.00 |
| | SH95-36 | Concorde Battery | 86.00 | 3.40 | -4.20 |
| | SH04-7 | Dart 4 Man Side Facing Shoulder Restraint kit | 8.90 | 147.00 | 0.00 |
| | SH04-7 | Dart 5 Man shoulder restraint kit | 9.30 | 129.00 | 0.00 |
| | SH92-43 | Dart automatic Door Opener | 2.16 | 36.20 | 0.00 |
| D412-760-211 | SH07-37 | Dart Baggage Protector Kit | 29.70 | 294.00 | -0.30 |
| | SH92-43 | Dart Cabin Door Handle | 3.80 | 96.00 | 0.00 |
| | SH92-43 | Dart Cabin Door Roller | 1.64 | 130.00 | 0.00 |
| | SH92-16 | Dart Cargo Mirror | 5.00 | 3.80 | 0.00 |
| | SH04-07 | Dart Co-Pilot Shoulder Harness Kit | -2.60 | 47.00 | -22.00 |
| | SH08-12 | Dart Driveshaft Tunnel | 4.70 | 194.00 | 0.00 |
| | SH99-11 | Dart Engine Mounts | 9.60 | 188.50 | -3.00 |
| | SH03-06 | Dart Extended Crosstubes | 176.90 | 116.90 | 0.00 |
| | SH04-54 | Dart Fuel Purge Canister(RHU) | 5.20 | 222.50 | -19.50 |
| | SH93-34 | Dart L/H Manual Cargo Release | 3.10 | 21.00 | -16.00 |
| | SH04-07 | Dart Pilot Shoulder Harness Kit | -2.60 | 47.00 | 22.00 |
| | SH92-16 | Dart Pulse Light | 4.30 | 3.52 | -0.37 |
| | SH92-43 | Dart Replacement Door Track | 0.50 | 130.00 | 0.00 |
| | SH96-88 | Dart Skid tubes | 40.60 | 108.90 | 0.00 |
| | SH96-57 | Dart Step L/H | 14.30 | 94.50 | -50.00 |
| | SH96-57 | Dart Step R/H | 14.30 | 94.50 | 50.00 |
| | SH92-54 | Dart Vertical Reference Door | 2.00 | 50.80 | -40.00 |
| | CAR602.60 | Fire extinguisher cabin L/H | 5.50 | 73.00 | -34.63 |
| | CAR602.60 | Fire extinguisher cabin R/H | 5.50 | 53.00 | 32.63 |
| | CAR602.60 | First Aid Kit | 3.00 | 70.00 | 0.00 |
| | CAR602.60 | Flight Manual | 3.00 | 64.00 | 0.00 |
| | SH07-27 | Inlet Barrier Filter | 0.00 | 0.00 | 0.00 |
| | SH96-47 | Isolair install kit Tanks | 14.50 | 32.00 | 0.00 |
| | SH8609SW | Isolair install kit Tanks | 14.50 | 32.00 | 0.00 |
| | SH90-29 | L/H Boost Pump | 0.00 | 0.00 | 0.00 |
| | SH99-215 | Onboard systems cargo hook | 32.00 | 137.50 | 0.00 |
| | C-LSH13-110/D | SEI Sacksafoam Kit | 1.00 | 34.00 | -3.00 |
| null | null | USB Charging Port | 0.00 | null | null |
| | SH93-45 | Wire Strike Kit | 0.00 | 0.00 | 0.00 |

Optional Equipment List

| Part # | STC # | Description | Weight lbs | Long Arm in | Lat Arm in |
|--------|-----------|-----------------------|------------|-------------|------------|
| | | 4 Man Aft Facing Seat | 55.00 | 87.00 | 0.00 |
| | SH09-19 | Alpine Barrier | 4.30 | 64.00 | 0.00 |
| | SH96-42 | Dart Bear Paws | 23.00 | 172.00 | 0.00 |
| | KIT 92-32 | Dual Controls | 9.00 | 36.60 | -22.80 |
| | SH96-47 | Isolair Tank | 330.00 | 114.80 | 0.00 |
| | | Kawak Hover Pump | 72.00 | 81.50 | 0.00 |

Radio Equipment List

| Part # | STC # | Description | Weight lbs | Long Arm in | Lat Arm in |
|--------|---------------|-----------------------------------|------------|-------------|------------|
| | SH02-4 | Aero Dyne Monitoring System | 6.19 | 113.64 | 16.64 |
| | C-LSH07-203/D | Artificial Horizon And DG Install | 17.40 | 23.00 | 0.00 |
| | SH20-4 | Avio Ipad Mount | 2.50 | 35.00 | 0.00 |
| | | COMM 1 Antenna | 2.00 | 42.00 | 10.00 |
| | | COMM 2 Antenna | 2.00 | 68.00 | -34.63 |
| | SH05-11 | Dart Avionics Riser | 2.30 | 37.00 | 0.00 |
| | C-LSH13-114/D | Kannad 406 ELT | 1.90 | 69.00 | 34.63 |
| | | Kannad 406 ELT Antenna | 0.30 | 128.00 | 50.00 |
| | | Kannad 406 ELT Switch | 0.10 | 30.00 | 3.50 |
| | | Kannad 406 ELT Wiring | 0.50 | 69.00 | 34.63 |
| | TSO | King VHF COMM 1 | 2.00 | 43.00 | 0.00 |
| | TSO | King VHF COMM 2 | 2.00 | 44.50 | 0.00 |
| | SH03-30 | SkyTrax CDP-300 | 0.73 | 40.00 | 0.00 |
| | SH03-30 | SkyTrax DM-300 | 0.60 | 39.00 | 0.00 |
| | SH03-30 | SkyTrax Isat-200 | 4.02 | 21.00 | -4.00 |
| | SH03-30 | SkyTrax Itray-200 | 1.00 | 21.00 | -4.00 |
| | SH97-10 | TDFM -136A | 3.50 | 48.00 | 0.00 |
| | SH97-10 | TDFM -136A | 8.30 | 50.00 | 0.00 |
| | | TDFM -136A Antenna | 2.60 | 92.00 | -50.00 |
| | | TDFM -136A Antenna | 1.50 | 28.00 | 23.00 |
| | SH97-10 | TFM-30 | 3.50 | 53.00 | 0.00 |
| | | TFM-30 Antenna | 2.50 | 42.00 | -10.00 |

Weight and Balance Temp Configurations

Scaled On: 2018-11-07

Amendment # 4 Dated: 2022-02-07

| HP | TK | DC | BP | BAR | AS | TC | Num | Weight lbs | Long Arm in | Moment(H) lb-in | Lat Arm in | Moment(L) lb-in | Graph vs [CofG] | Most Fwd Pos | Most Aft Pos |
|----|----|----|----|-----|----|----|-----|------------|-------------|-----------------|------------|-----------------|-----------------|-------------------|-------------------|
| | | | | | | | 0 | 5899.75 | 145.62 | 859106.22 | -0.42 | -2496.16 | Standard | 8266.85lbs@132.86 | 7504.05lbs@144.92 |
| | | | | | X | | 1 | 5954.75 | 145.08 | 863891.22 | -0.42 | -2496.16 | Standard | 8321.85lbs@132.56 | 7559.05lbs@144.50 |
| | | | | X | | | 2 | 5904.05 | 145.56 | 859381.42 | -0.42 | -2496.16 | Standard | 8271.15lbs@132.82 | 7508.35lbs@144.88 |
| | | | | X | X | | 3 | 5959.05 | 145.02 | 864166.42 | -0.42 | -2496.16 | Standard | 8326.15lbs@132.52 | 7563.35lbs@144.46 |
| | | | X | | | | 4 | 5922.75 | 145.72 | 863062.22 | -0.42 | -2496.16 | Not Setup | N/A | N/A |
| | | | X | | X | | 5 | 5977.75 | 145.18 | 867847.22 | -0.42 | -2496.16 | Not Setup | N/A | N/A |
| | | | X | X | | | 6 | 5927.05 | 145.66 | 863337.42 | -0.42 | -2496.16 | Not Setup | N/A | N/A |
| | | | X | X | X | | 7 | 5982.05 | 145.12 | 868122.42 | -0.42 | -2496.16 | Not Setup | N/A | N/A |
| | X | | | | | | 8 | 5908.75 | 145.45 | 859435.62 | -0.46 | -2701.36 | Standard | 8275.85lbs@132.75 | 7513.05lbs@144.80 |
| | X | | | | X | | 9 | 5963.75 | 144.91 | 864220.62 | -0.45 | -2701.36 | Standard | 8330.85lbs@132.45 | 7568.05lbs@144.38 |
| | X | | X | | | | 10 | 5913.05 | 145.39 | 859710.82 | -0.46 | -2701.36 | Standard | 8280.15lbs@132.72 | 7517.35lbs@144.75 |
| | X | | X | X | | | 11 | 5968.05 | 144.85 | 864495.82 | -0.45 | -2701.36 | Standard | 8335.15lbs@132.42 | 7572.35lbs@144.33 |
| | X | X | | | | | 12 | 5931.75 | 145.55 | 863391.62 | -0.46 | -2701.36 | Not Setup | N/A | N/A |
| | X | X | | | X | | 13 | 5986.75 | 145.02 | 868176.62 | -0.45 | -2701.36 | Not Setup | N/A | N/A |
| | X | X | X | | | | 14 | 5936.05 | 145.50 | 863666.82 | -0.46 | -2701.36 | Not Setup | N/A | N/A |
| | X | X | X | X | | | 15 | 5991.05 | 144.96 | 868451.82 | -0.45 | -2701.36 | Not Setup | N/A | N/A |
| X | | | | | | | 16 | 6229.75 | 143.98 | 896990.22 | -0.40 | -2496.16 | Standard | 8596.85lbs@132.17 | 7834.05lbs@143.66 |
| X | | | | | X | | 17 | 6284.75 | 143.49 | 901775.22 | -0.40 | -2496.16 | Standard | 8651.85lbs@131.88 | 7889.05lbs@143.26 |
| X | | | X | | | | 18 | 6234.05 | 143.93 | 897265.42 | -0.40 | -2496.16 | Standard | 8601.15lbs@132.13 | 7838.35lbs@143.61 |
| X | | | X | X | | | 19 | 6289.05 | 143.43 | 902050.42 | -0.40 | -2496.16 | Standard | 8656.15lbs@131.84 | 7893.35lbs@143.22 |
| X | X | | | | | | 20 | 6252.75 | 144.09 | 900946.22 | -0.40 | -2496.16 | Not Setup | N/A | N/A |
| X | X | | X | | | | 21 | 6307.75 | 143.59 | 905731.22 | -0.40 | -2496.16 | Not Setup | N/A | N/A |
| X | X | X | X | | | | 22 | 6257.05 | 144.03 | 901221.42 | -0.40 | -2496.16 | Not Setup | N/A | N/A |
| X | X | X | X | X | | | 23 | 6312.05 | 143.54 | 906006.42 | -0.40 | -2496.16 | Not Setup | N/A | N/A |
| X | X | | | | | | 24 | 6238.75 | 143.83 | 897319.62 | -0.43 | -2701.36 | Standard | 8605.85lbs@132.07 | 7843.05lbs@143.53 |
| X | X | | | | X | | 25 | 6293.75 | 143.33 | 902104.62 | -0.43 | -2701.36 | Standard | 8660.85lbs@131.78 | 7898.05lbs@143.14 |
| X | X | | X | | | | 26 | 6243.05 | 143.78 | 897594.82 | -0.43 | -2701.36 | Standard | 8610.15lbs@132.03 | 7847.35lbs@143.49 |
| X | X | | X | X | | | 27 | 6298.05 | 143.28 | 902379.82 | -0.43 | -2701.36 | Standard | 8665.15lbs@131.75 | 7902.35lbs@143.10 |
| X | X | X | | | | | 28 | 6261.75 | 143.93 | 901275.62 | -0.43 | -2701.36 | Not Setup | N/A | N/A |
| X | X | X | | | X | | 29 | 6316.75 | 143.44 | 906060.62 | -0.43 | -2701.36 | Not Setup | N/A | N/A |
| X | X | X | X | | | | 30 | 6266.05 | 143.88 | 901550.82 | -0.43 | -2701.36 | Not Setup | N/A | N/A |
| X | X | X | X | X | | | 31 | 6321.05 | 143.38 | 906335.82 | -0.43 | -2701.36 | Not Setup | N/A | N/A |
| X | | | | | | | 32 | 5971.75 | 144.84 | 864974.22 | -0.42 | -2496.16 | Not Setup | N/A | N/A |
| X | | | | | X | | 33 | 6026.75 | 144.32 | 869759.22 | -0.41 | -2496.16 | Not Setup | N/A | N/A |
| X | | | | X | | | 34 | 5976.05 | 144.79 | 865249.42 | -0.42 | -2496.16 | Not Setup | N/A | N/A |
| X | | | X | X | | | 35 | 6031.05 | 144.26 | 870034.42 | -0.41 | -2496.16 | Not Setup | N/A | N/A |
| X | | X | | | | | 36 | 5994.75 | 144.95 | 868930.22 | -0.42 | -2496.16 | Not Setup | N/A | N/A |
| X | | X | | | X | | 37 | 6049.75 | 144.42 | 873715.22 | -0.41 | -2496.16 | Not Setup | N/A | N/A |
| X | | X | X | | | | 38 | 5999.05 | 144.89 | 869205.42 | -0.42 | -2496.16 | Not Setup | N/A | N/A |
| X | | X | X | X | | | 39 | 6054.05 | 144.36 | 873990.42 | -0.41 | -2496.16 | Not Setup | N/A | N/A |
| X | X | | | | | | 40 | 5980.75 | 144.68 | 865303.62 | -0.45 | -2701.36 | Not Setup | N/A | N/A |
| X | X | | | | X | | 41 | 6035.75 | 144.16 | 870088.62 | -0.45 | -2701.36 | Not Setup | N/A | N/A |
| X | X | | X | | | | 42 | 5985.05 | 144.62 | 865578.82 | -0.45 | -2701.36 | Not Setup | N/A | N/A |
| X | X | X | X | | | | 43 | 6040.05 | 144.10 | 870363.82 | -0.45 | -2701.36 | Not Setup | N/A | N/A |
| X | X | X | | | | | 44 | 6003.75 | 144.79 | 869259.62 | -0.45 | -2701.36 | Not Setup | N/A | N/A |
| X | X | X | X | | X | | 45 | 6058.75 | 144.26 | 874044.62 | -0.45 | -2701.36 | Not Setup | N/A | N/A |
| X | X | X | X | X | | | 46 | 6008.05 | 144.73 | 869534.82 | -0.45 | -2701.36 | Not Setup | N/A | N/A |
| X | X | X | X | X | X | | 47 | 6063.05 | 144.20 | 874319.82 | -0.45 | -2701.36 | Not Setup | N/A | N/A |
| X | X | | | | | | 48 | 6301.75 | 143.27 | 902858.22 | -0.40 | -2496.16 | Not Setup | N/A | N/A |
| X | X | | | | X | | 49 | 6356.75 | 142.78 | 907643.22 | -0.39 | -2496.16 | Not Setup | N/A | N/A |
| X | X | | X | | | | 50 | 6306.05 | 143.22 | 903133.42 | -0.40 | -2496.16 | Not Setup | N/A | N/A |
| X | X | | X | X | | | 51 | 6361.05 | 142.73 | 907918.42 | -0.39 | -2496.16 | Not Setup | N/A | N/A |
| X | X | X | | | | | 52 | 6324.75 | 143.38 | 906814.22 | -0.39 | -2496.16 | Not Setup | N/A | N/A |
| X | X | X | X | | X | | 53 | 6379.75 | 142.89 | 911599.22 | -0.39 | -2496.16 | Not Setup | N/A | N/A |
| X | X | X | X | X | | | 54 | 6329.05 | 143.32 | 907089.42 | -0.39 | -2496.16 | Not Setup | N/A | N/A |
| X | X | X | X | X | X | | 55 | 6384.05 | 142.84 | 911874.42 | -0.39 | -2496.16 | Not Setup | N/A | N/A |
| X | X | X | | | | | 56 | 6310.75 | 143.12 | 903187.62 | -0.43 | -2701.36 | Not Setup | N/A | N/A |
| X | X | X | | | X | | 57 | 6365.75 | 142.63 | 907972.62 | -0.42 | -2701.36 | Not Setup | N/A | N/A |

| HP | TK | DC | BP | BAR | AS | TC | Num | Weight lbs | Long Arm in | Moment(H) lb-in | Lat Arm in | Moment(L) lb-in | Graph vs [CofG] | Most Fwd Pos | Most Aft Pos |
|----|----|----|----|-----|----|----|-----|------------|-----------------|-----------------|--------------|-----------------|-----------------|--------------|---------------|
| X | X | X | | X | | | 58 | 6315.05 | 143.07 | 903462.82 | -0.43 | -2701.36 | Not Setup | N/A | N/A |
| X | X | X | | X | X | | 59 | 6370.05 | 142.58 | 908247.82 | -0.42 | -2701.36 | Not Setup | N/A | N/A |
| X | X | X | X | | | | 60 | 6333.75 | 143.22 | 907143.62 | -0.43 | -2701.36 | Not Setup | N/A | N/A |
| X | X | X | X | | X | | 61 | 6388.75 | 142.74 | 911928.62 | -0.42 | -2701.36 | Not Setup | N/A | N/A |
| X | X | X | X | X | | | 62 | 6338.05 | 143.17 | 907418.82 | -0.43 | -2701.36 | Not Setup | N/A | N/A |
| X | X | X | X | X | X | | 63 | 6393.05 | 142.69 | 912203.82 | -0.42 | -2701.36 | Not Setup | N/A | N/A |
| HP | TK | DC | BP | BAR | AS | TC | Num | Weight in | Graph vs [CofG] | Most Fwd Pos | Most Aft Pos | Long Arm in | Long Mom lb-in | Lat Arm in | Lat Mom lb-in |

HP = Kawak Hover Pump
 TK = Isolair Tank
 DC = Dual Controls
 BP = Dart Bear Paws
 BAR = Alpine Barrier
 AS = 4 Man Aft Facing Seat

X = Installed
 O = Installation Conflict - Temp Config is Invalid for this Configuration
 For Lateral Arm: - is Left and + is Right

The maintenance described above has been performed in accordance with the applicable standards of airworthiness.

Signature: _____ Licence no. _____