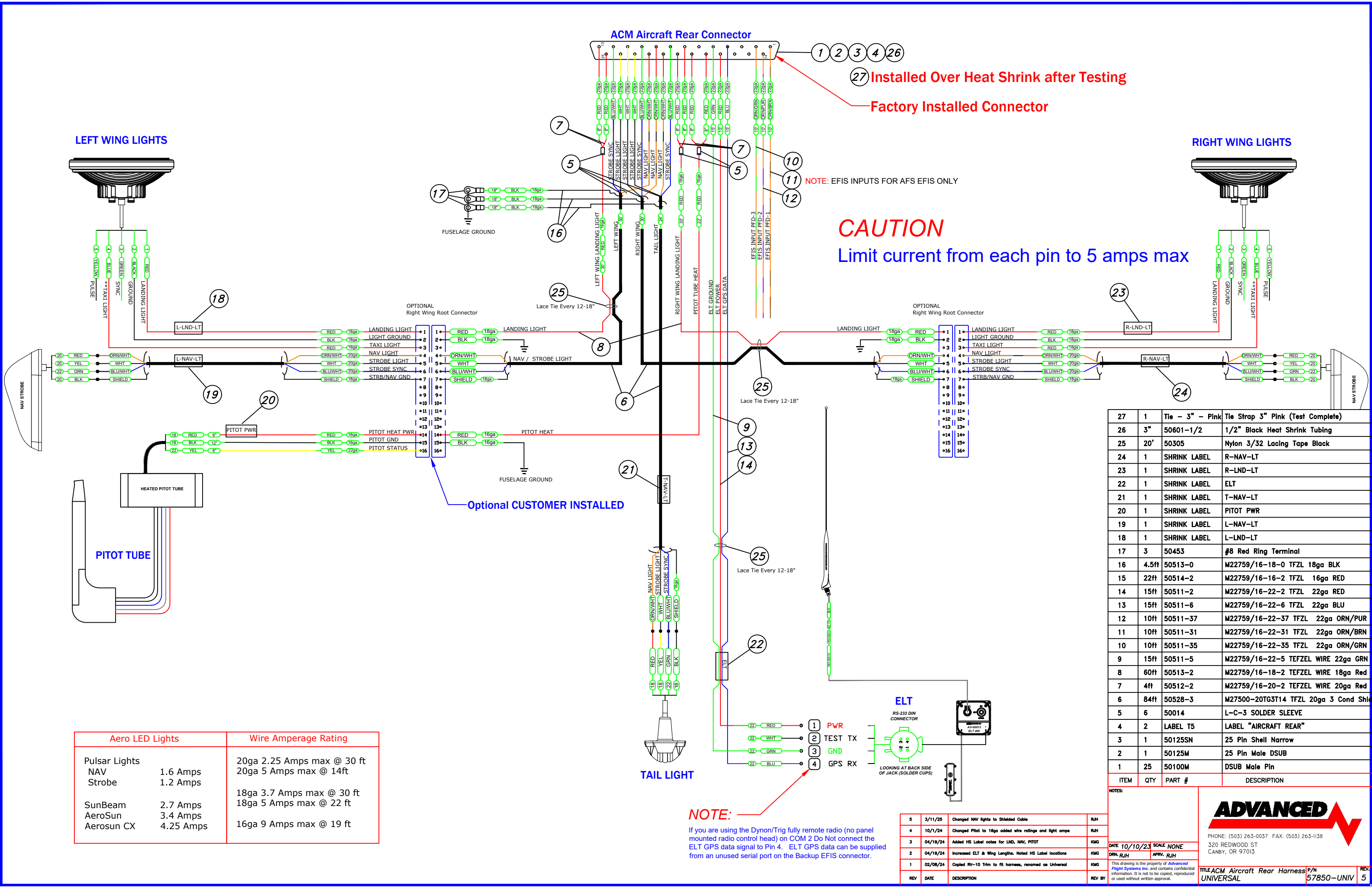




LEFT WING LIGHTS

RIGHT WING LIGHTS

27 Installed Over Heat Shrink after Testing  
Factory Installed Connector

CAUTION  
Limit current from each pin to 5 amps max

PITOT TUBE

TAIL LIGHT

| Aero LED Lights |           | Wire Amperage Rating       |
|-----------------|-----------|----------------------------|
| Pulsar Lights   |           | 20ga 2.25 Amps max @ 30 ft |
| NAV             | 1.6 Amps  | 20ga 5 Amps max @ 14ft     |
| Strobe          | 1.2 Amps  |                            |
| SunBeam         | 2.7 Amps  | 18ga 3.7 Amps max @ 30 ft  |
| AeroSun         | 3.4 Amps  | 18ga 5 Amps max @ 22 ft    |
| Aerosun CX      | 4.25 Amps | 16ga 9 Amps max @ 19 ft    |

|      |       |                 |                                       |
|------|-------|-----------------|---------------------------------------|
| 27   | 1     | Tie - 3" - Pink | Tie Strap 3" Pink (Test Complete)     |
| 26   | 3"    | 50601-1/2       | 1/2" Black Heat Shrink Tubing         |
| 25   | 20'   | 50305           | Nylon 3/32 Lacing Tape Black          |
| 24   | 1     | SHRINK LABEL    | R-NAV-LT                              |
| 23   | 1     | SHRINK LABEL    | R-LND-LT                              |
| 22   | 1     | SHRINK LABEL    | ELT                                   |
| 21   | 1     | SHRINK LABEL    | T-NAV-LT                              |
| 20   | 1     | SHRINK LABEL    | PITOT PWR                             |
| 19   | 1     | SHRINK LABEL    | L-NAV-LT                              |
| 18   | 1     | SHRINK LABEL    | L-LND-LT                              |
| 17   | 3     | 50453           | #8 Red Ring Terminal                  |
| 16   | 4.5ft | 50513-0         | M22759/16-18-0 TFZL 18ga BLK          |
| 15   | 22ft  | 50514-2         | M22759/16-16-2 TFZL 16ga RED          |
| 14   | 15ft  | 50511-2         | M22759/16-22-2 TFZL 22ga RED          |
| 13   | 15ft  | 50511-6         | M22759/16-22-6 TFZL 22ga BLU          |
| 12   | 10ft  | 50511-37        | M22759/16-22-37 TFZL 22ga ORN/PUR     |
| 11   | 10ft  | 50511-31        | M22759/16-22-31 TFZL 22ga ORN/BRN     |
| 10   | 10ft  | 50511-35        | M22759/16-22-35 TFZL 22ga ORN/GRN     |
| 9    | 15ft  | 50511-5         | M22759/16-22-5 TEFZEL WIRE 22ga GRN   |
| 8    | 60ft  | 50513-2         | M22759/16-18-2 TEFZEL WIRE 18ga Red   |
| 7    | 4ft   | 50512-2         | M22759/16-20-2 TEFZEL WIRE 20ga Red   |
| 6    | 84ft  | 50528-3         | M27500-20TG3T14 TFZL 20ga 3 Cond Shld |
| 5    | 6     | 50014           | L-C-3 SOLDER SLEEVE                   |
| 4    | 2     | LABEL T5        | LABEL "AIRCRAFT REAR"                 |
| 3    | 1     | 50125SN         | 25 Pin Shell Narrow                   |
| 2    | 1     | 50125M          | 25 Pin Male DSUB                      |
| 1    | 25    | 50100M          | DSUB Male Pin                         |
| ITEM | QTY   | PART #          | DESCRIPTION                           |

NOTES:  
DATE 10/10/23 SCALE NONE  
DRN: RJH APR: RJH  
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ADVANCED

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ACM Aircraft Rear Harness P/N  
UNIVERSAL 57850-UNIV 5

|     |          |                                                         |        |
|-----|----------|---------------------------------------------------------|--------|
| 5   | 3/11/25  | Changed NAV lights to Shielded Cable                    | RJH    |
| 4   | 10/1/24  | Changed Pitot to 18ga added wire ratings and light amps | RJH    |
| 3   | 04/19/24 | Added HS Label notes for LND, NAV, PITOT                | KMG    |
| 2   | 04/19/24 | Increased ELT & Wing Lengths. Noted HS Label locations  | KMG    |
| 1   | 02/08/24 | Copied RV-10 Trim to fit harness, renamed as Universal  | KMG    |
| REV | DATE     | DESCRIPTION                                             | REV BY |

NOTE:  
If you are using the Dynon/Trig fully remote radio (no panel mounted radio control head) on COM 2 Do Not connect the ELT GPS data signal to Pin 4. ELT GPS data can be supplied from an unused serial port on the Backup EFIS connector.