

# N721EA

## 1980 King Air 200

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# Weight & Balance



**MSN: BB-679**

*Prepared by the worldwide aviation specialists at RidgeAir, Inc.*

# Weight and Balance Equipment List Revision

Date: 09/08/2020

A&J Aviation, LLC  
802 Airport Ave  
Springdale, AR 72764  
Certified Repair Station  
44JR266D



## Submitted To:

Executive Aviation Services, Inc  
Mark Myers  
C/O MARK MYERS, PO BOX 1140  
ROGERS, AR 72757-1140  
479-936-1805

## Aircraft Information:

|                         |        |
|-------------------------|--------|
| Registration Number:    | N721EA |
| Aircraft Make:          | BEECH  |
| Aircraft Model:         | 200    |
| Aircraft Serial Number: | BB-679 |

| As Received          |           |                     |      |
|----------------------|-----------|---------------------|------|
| Max Gross Pounds:    | 12500     | Basic Empty Weight: | 8312 |
| Longitudinal CG:     | 202.45    | Lateral CG:         | 0    |
| Longitudinal Moment: | 1682764.4 | Lateral Moment:     |      |
| UseFul Load:         | 4188      |                     |      |
| Notes                |           |                     |      |
|                      |           |                     |      |

| Installed Items             |               |          |         |                     |                |
|-----------------------------|---------------|----------|---------|---------------------|----------------|
| Installed                   | Weight        | Long Arm | Lat Arm | Long Moment         | Lat Moment     |
| installed IFD 550           | 9.6           | 106.5    |         | 1022.4              |                |
| Installed FreeFlight Ranger | .86           | 100.0    |         | 86.0                |                |
| Installed AXP322            | .77           | 40.0     |         | 30.8                |                |
| Installed AXP322            | .77           | 40.0     |         | 30.8                |                |
|                             |               |          |         |                     |                |
| Removed Items               |               |          |         |                     |                |
| Installed                   | Weight        | Long Arm | Lat Arm | Long Moment         | Lat Moment     |
| VIR 30                      | 5.5           | 46       |         | 253.0               |                |
| ADF-60                      | 4.2           | 79       |         | 331.8               |                |
| VHF 20                      | 5.4           | 50.5     |         | 272.7               |                |
| TDR90                       | 3.9           | 40       |         | 156.0               |                |
| TDR90                       | 3.9           | 40       |         | 156.0               |                |
|                             |               |          |         |                     |                |
|                             | Weight Change |          |         | Long Mom Change     | Lat Mom Change |
| Totals:                     | -10.9         |          |         | 0.50000000000000568 |                |

| As Completed         |           |                     |        |
|----------------------|-----------|---------------------|--------|
| Max Gross Pounds:    | 12500     | Basic Empty Weight: | 8301.1 |
| Longitudinal CG:     | 202.72    | Lateral CG:         |        |
| Longitudinal Moment: | 1682764.9 | Lateral Moment:     |        |
| UseFul Load:         | 4198.9    |                     |        |