

Grundeinstellungen Modell

| | | |
|----------------------------|-------------------|--|
| Hersteller | Graupner/SJ | |
| Sendertyp | mc-32 | |
| Sender ID | 300000591E | |
| Firmware Version | 1.041 | |
| Datei Version | 1.000 | |
| Modelltyp | Flugzeug | |
| Modellspeicher | 0 | |
| Modellname | P-51D Mustang | |
| Steueranordnung | Mode 3 | |
| Modul | HoTT | |
| Empfänger 1 | gebunden: ja | Telemetrie: ja Empfänger ID: 97000004D1 |
| | Empfängerausgang | S1 (Gas) Ausgang 1 S2 (Querruder) Ausgang 2 S3 (Höhenruder) Ausgang 3 S4 Ausgang 4 S5 (Querruder) Ausgang 5 S6 (Landeklappen) Ausgang 6 S7 (Landeklappen) Ausgang 7 S8 (Höhenruder) Ausgang 8 S9 Ausgang 9 S10 Ausgang 10 S11 Ausgang 11 S12 Ausgang 12 S13 Ausgang 13 S14 Ausgang 14 S15 Ausgang 15 S16 Ausgang 16 |
| Empfänger 2 | gebunden: nein | |
| Empfänger 3 | gebunden: nein | |
| Empfänger 4 | gebunden: nein | |
| DSC-Ausgang | PPM18 | |
| Motor-Stopp | Position: -120% | Limit: 150% Schalter: Schalter 3 invers |
| Einschaltwarnung | Schalter 3 normal | |
| Auto Trimm | --- | |
| Auto rücksetzen Uhr | ja | |

Modelltyp

| | |
|------------------------------|------------------------|
| Motor an K1 | Leerlauf vorne |
| Leitwerk | 2 Höhenruderservos |
| Querruder/Wölbklappen | 2QR 2WK |
| Bremse | Offset: 100 Eingang: 1 |

Servoeinstellungen

| Servo | Umkehr | Mitte | Weg - | Weg + | Begrenzung - | Begrenzung + |
|-------------------|--------|-------|-------|-------|--------------|--------------|
| S1 (Gas) | | 0% | 120% | 148% | 120% | 148% |
| S2 (Querruder) | | 3% | 100% | 100% | 100% | 100% |
| S3 (Höhenruder) | | 0% | 100% | 100% | 150% | 150% |
| S4 | | 0% | 150% | 150% | 150% | 150% |
| S5 (Querruder) | | 7% | 100% | 100% | 100% | 100% |
| S6 (Landeclappen) | | -23% | 100% | 100% | 123% | 77% |
| S7 (Landeclappen) | | 17% | 100% | 100% | 83% | 117% |
| S8 (Höhenruder) | | 0% | 100% | 100% | 150% | 150% |
| S9 | | 0% | 140% | 150% | 140% | 150% |
| S10 | | 0% | 140% | 150% | 140% | 150% |
| S11 | | 0% | 100% | 100% | 150% | 150% |
| S12 | | 0% | 100% | 100% | 150% | 150% |
| S13 | | 0% | 100% | 100% | 150% | 150% |
| S14 | | 0% | 100% | 100% | 150% | 150% |
| S15 | | 0% | 100% | 100% | 150% | 150% |
| S16 | | 0% | 100% | 100% | 150% | 150% |

Knüppeleinstellungen

| Kanal | Trimm | Trimmschritte | Zeit - | Zeit + |
|-------------|--------|---------------|--------|--------|
| Kanal 1 | global | 4 | 0,0s | 0,0s |
| Querruder | global | 4 | 0,0s | 0,0s |
| Höhenruder | Phase | 4 | 0,0s | 0,0s |
| Seitenruder | global | 4 | 0,0s | 0,0s |

Gebereinstellungen

Phase 1: Start Start

| Eingang | Typ | Geber | Offset | Weg - | Weg + | Zeit - | Zeit + |
|---------|--------|------------------------|--------|-------|-------|--------|--------|
| E5 | Global | --- | 0% | 100% | 100% | 0,0s | 0,0s |
| E6 | Global | seitlicher Drehgeber 2 | 0% | 100% | 100% | 1,5s | 1,5s |
| E7 | Global | --- | 0% | 100% | 100% | 0,0s | 0,0s |
| E8 | Global | --- | 0% | 100% | 100% | 0,0s | 0,0s |
| E9 | Phase | --- Fixschalter invers | 0% | 100% | 100% | 3,0s | 3,0s |
| E10 | Phase | --- Fixschalter invers | 0% | 100% | 100% | 3,0s | 3,0s |
| E11 | Global | --- Schalter 3 normal | 0% | 100% | 100% | 0,0s | 0,0s |
| E12 | Global | --- | 0% | 100% | 100% | 0,0s | 0,0s |
| E13 | Global | --- | 0% | 100% | 100% | 0,0s | 0,0s |

| | | | | | | | |
|-----|--------|-----|----|------|------|------|------|
| E14 | Global | --- | 0% | 100% | 100% | 0,0s | 0,0s |
| E15 | Global | --- | 0% | 100% | 100% | 0,0s | 0,0s |
| E16 | Global | --- | 0% | 100% | 100% | 0,0s | 0,0s |

Phase 2: Normal Normal

| Eingang | Typ | Geber | Offset | Weg - | Weg + | Zeit - | Zeit + |
|---------|--------|-----------------------|--------|-------|-------|--------|--------|
| E5 | Global | --- | 0% | 100% | 100% | 0,0s | 0,0s |
| E6 | Global | --- | 0% | 100% | 100% | 0,0s | 0,0s |
| E7 | Global | --- | 0% | 100% | 100% | 0,0s | 0,0s |
| E8 | Global | --- | 0% | 100% | 100% | 0,0s | 0,0s |
| E9 | Phase | --- Schalter 4 normal | 0% | 100% | 100% | 3,0s | 3,0s |
| E10 | Phase | --- Schalter 4 normal | 0% | 100% | 100% | 3,0s | 3,0s |
| E11 | Global | --- | 0% | 100% | 100% | 0,0s | 0,0s |
| E12 | Global | --- | 0% | 100% | 100% | 0,0s | 0,0s |
| E13 | Global | --- | 0% | 100% | 100% | 0,0s | 0,0s |
| E14 | Global | --- | 0% | 100% | 100% | 0,0s | 0,0s |
| E15 | Global | --- | 0% | 100% | 100% | 0,0s | 0,0s |
| E16 | Global | --- | 0% | 100% | 100% | 0,0s | 0,0s |

Phase 3: Landung Landung

| Eingang | Typ | Geber | Offset | Weg - | Weg + | Zeit - | Zeit + |
|---------|--------|------------------------|--------|-------|-------|--------|--------|
| E5 | Global | --- | 0% | 100% | 100% | 0,0s | 0,0s |
| E6 | Global | --- | 0% | 100% | 100% | 0,0s | 0,0s |
| E7 | Global | --- | 0% | 100% | 100% | 0,0s | 0,0s |
| E8 | Global | --- | 0% | 100% | 100% | 0,0s | 0,0s |
| E9 | Phase | --- Fixschalter invers | 0% | 100% | 100% | 3,0s | 3,0s |
| E10 | Phase | --- Fixschalter invers | 0% | 100% | 100% | 3,0s | 3,0s |
| E11 | Global | --- | 0% | 100% | 100% | 0,0s | 0,0s |
| E12 | Global | --- | 0% | 100% | 100% | 0,0s | 0,0s |
| E13 | Global | --- | 0% | 100% | 100% | 0,0s | 0,0s |
| E14 | Global | --- | 0% | 100% | 100% | 0,0s | 0,0s |
| E15 | Global | --- | 0% | 100% | 100% | 0,0s | 0,0s |
| E16 | Global | --- | 0% | 100% | 100% | 0,0s | 0,0s |

Phase 4: eigener Name 3

| Eingang | Typ | Geber | Offset | Weg - | Weg + | Zeit - | Zeit + |
|---------|--------|------------------------|--------|-------|-------|--------|--------|
| E5 | Global | --- | 0% | 100% | 100% | 0,0s | 0,0s |
| E6 | Global | --- | 0% | 100% | 100% | 0,0s | 0,0s |
| E7 | Global | --- | 0% | 100% | 100% | 0,0s | 0,0s |
| E8 | Global | --- | 0% | 100% | 100% | 0,0s | 0,0s |
| E9 | Phase | --- Fixschalter invers | 0% | 100% | 100% | 0,0s | 0,0s |
| E10 | Phase | --- Fixschalter invers | 0% | 100% | 100% | 0,0s | 0,0s |
| E11 | Global | --- | 0% | 100% | 100% | 0,0s | 0,0s |

| | | | | | | | |
|-----|--------|-----|----|------|------|------|------|
| E12 | Global | --- | 0% | 100% | 100% | 0,0s | 0,0s |
| E13 | Global | --- | 0% | 100% | 100% | 0,0s | 0,0s |
| E14 | Global | --- | 0% | 100% | 100% | 0,0s | 0,0s |
| E15 | Global | --- | 0% | 100% | 100% | 0,0s | 0,0s |
| E16 | Global | --- | 0% | 100% | 100% | 0,0s | 0,0s |

Phase 5: unbenutzt

| Eingang | Typ | Geber | Offset | Weg - | Weg + | Zeit - | Zeit + |
|---------|--------|-------|--------|-------|-------|--------|--------|
| E5 | Global | --- | 0% | 100% | 100% | 0,0s | 0,0s |
| E6 | Global | --- | 0% | 100% | 100% | 0,0s | 0,0s |
| E7 | Global | --- | 0% | 100% | 100% | 0,0s | 0,0s |
| E8 | Global | --- | 0% | 100% | 100% | 0,0s | 0,0s |
| E9 | Phase | --- | 0% | 100% | 100% | 0,0s | 0,0s |
| E10 | Phase | --- | 0% | 100% | 100% | 0,0s | 0,0s |
| E11 | Global | --- | 0% | 100% | 100% | 0,0s | 0,0s |
| E12 | Global | --- | 0% | 100% | 100% | 0,0s | 0,0s |
| E13 | Global | --- | 0% | 100% | 100% | 0,0s | 0,0s |
| E14 | Global | --- | 0% | 100% | 100% | 0,0s | 0,0s |
| E15 | Global | --- | 0% | 100% | 100% | 0,0s | 0,0s |
| E16 | Global | --- | 0% | 100% | 100% | 0,0s | 0,0s |

Phase 6: unbenutzt

| Eingang | Typ | Geber | Offset | Weg - | Weg + | Zeit - | Zeit + |
|---------|--------|-------|--------|-------|-------|--------|--------|
| E5 | Global | --- | 0% | 100% | 100% | 0,0s | 0,0s |
| E6 | Global | --- | 0% | 100% | 100% | 0,0s | 0,0s |
| E7 | Global | --- | 0% | 100% | 100% | 0,0s | 0,0s |
| E8 | Global | --- | 0% | 100% | 100% | 0,0s | 0,0s |
| E9 | Phase | --- | 0% | 100% | 100% | 0,0s | 0,0s |
| E10 | Phase | --- | 0% | 100% | 100% | 0,0s | 0,0s |
| E11 | Global | --- | 0% | 100% | 100% | 0,0s | 0,0s |
| E12 | Global | --- | 0% | 100% | 100% | 0,0s | 0,0s |
| E13 | Global | --- | 0% | 100% | 100% | 0,0s | 0,0s |
| E14 | Global | --- | 0% | 100% | 100% | 0,0s | 0,0s |
| E15 | Global | --- | 0% | 100% | 100% | 0,0s | 0,0s |
| E16 | Global | --- | 0% | 100% | 100% | 0,0s | 0,0s |

Phase 7: unbenutzt

| Eingang | Typ | Geber | Offset | Weg - | Weg + | Zeit - | Zeit + |
|---------|--------|-------|--------|-------|-------|--------|--------|
| E5 | Global | --- | 0% | 100% | 100% | 0,0s | 0,0s |
| E6 | Global | --- | 0% | 100% | 100% | 0,0s | 0,0s |
| E7 | Global | --- | 0% | 100% | 100% | 0,0s | 0,0s |
| E8 | Global | --- | 0% | 100% | 100% | 0,0s | 0,0s |
| E9 | Phase | --- | 0% | 100% | 100% | 0,0s | 0,0s |

| | | | | | | | |
|-----|--------|-----|----|------|------|------|------|
| E10 | Phase | --- | 0% | 100% | 100% | 0,0s | 0,0s |
| E11 | Global | --- | 0% | 100% | 100% | 0,0s | 0,0s |
| E12 | Global | --- | 0% | 100% | 100% | 0,0s | 0,0s |
| E13 | Global | --- | 0% | 100% | 100% | 0,0s | 0,0s |
| E14 | Global | --- | 0% | 100% | 100% | 0,0s | 0,0s |
| E15 | Global | --- | 0% | 100% | 100% | 0,0s | 0,0s |
| E16 | Global | --- | 0% | 100% | 100% | 0,0s | 0,0s |

Phase 8: unbenutzt

| Eingang | Typ | Geber | Offset | Weg - | Weg + | Zeit - | Zeit + |
|---------|--------|-------|--------|-------|-------|--------|--------|
| E5 | Global | --- | 0% | 100% | 100% | 0,0s | 0,0s |
| E6 | Global | --- | 0% | 100% | 100% | 0,0s | 0,0s |
| E7 | Global | --- | 0% | 100% | 100% | 0,0s | 0,0s |
| E8 | Global | --- | 0% | 100% | 100% | 0,0s | 0,0s |
| E9 | Phase | --- | 0% | 100% | 100% | 0,0s | 0,0s |
| E10 | Phase | --- | 0% | 100% | 100% | 0,0s | 0,0s |
| E11 | Global | --- | 0% | 100% | 100% | 0,0s | 0,0s |
| E12 | Global | --- | 0% | 100% | 100% | 0,0s | 0,0s |
| E13 | Global | --- | 0% | 100% | 100% | 0,0s | 0,0s |
| E14 | Global | --- | 0% | 100% | 100% | 0,0s | 0,0s |
| E15 | Global | --- | 0% | 100% | 100% | 0,0s | 0,0s |
| E16 | Global | --- | 0% | 100% | 100% | 0,0s | 0,0s |

DualRate Expo

Phase 1: Start

| | Dual Rate | | | Expo |
|-------------|-------------------|-------------|----------|------|
| | Schalter | Wert | Schalter | |
| Querruder | Schalter 1 invers | 50% / 100% | --- | 0% |
| Höhenruder | Schalter 1 invers | 50% / 100% | --- | 30% |
| Seitenruder | Schalter 1 invers | 100% / 100% | --- | 0% |

Phase 2: Normal

| | Dual Rate | | | Expo |
|-------------|-------------------|-------------|----------|------|
| | Schalter | Wert | Schalter | |
| Querruder | Schalter 1 invers | 50% / 100% | --- | 0% |
| Höhenruder | Schalter 1 invers | 50% / 100% | --- | 30% |
| Seitenruder | Schalter 1 invers | 100% / 100% | --- | 0% |

Phase 3: Landung

| | Dual Rate | | | Expo |
|--|-----------|------|----------|------|
| | Schalter | Wert | Schalter | |

| | Schalter | Wert | Schalter | Wert |
|-------------|-------------------|-------------|----------|------|
| Querruder | Schalter 1 invers | 50% / 100% | --- | 20% |
| Höhenruder | Schalter 1 invers | 50% / 100% | --- | 50% |
| Seitenruder | Schalter 1 invers | 100% / 100% | --- | 0% |

Phase 4:

| | Dual Rate | | Expo | |
|-------------|-----------|------|----------|------|
| | Schalter | Wert | Schalter | Wert |
| Querruder | --- | 100% | --- | 0% |
| Höhenruder | --- | 100% | --- | 0% |
| Seitenruder | --- | 100% | --- | 0% |

Kanal 1 Kurve

Phase 1: Start

| Kurve | aus | | |
|-------|-------|---------|---------|
| Punkt | aktiv | Eingang | Ausgang |
| 1 | ja | -100 | -35 |
| 2 | nein | | |
| 3 | nein | | |
| 4 | nein | | |
| 5 | nein | | |
| 6 | nein | | |
| 7 | nein | | |
| 8 | ja | 100 | 100 |

Phase 2: Normal

| Kurve | aus | | |
|-------|-------|---------|---------|
| Punkt | aktiv | Eingang | Ausgang |
| 1 | ja | -100 | -32 |
| 2 | nein | | |
| 3 | nein | | |
| 4 | nein | | |
| 5 | nein | | |
| 6 | nein | | |
| 7 | nein | | |
| 8 | ja | 100 | 100 |

Phase 3: Landung

| Kurve | aus | | |
|-------|-------|---------|---------|
| Punkt | aktiv | Eingang | Ausgang |
| | | | |

| | | | |
|---|------|------|-----|
| 1 | ja | -100 | -32 |
| 2 | nein | | |
| 3 | nein | | |
| 4 | nein | | |
| 5 | nein | | |
| 6 | nein | | |
| 7 | nein | | |
| 8 | ja | 100 | 100 |

Phase 4:

| Kurve | aus | | |
|-------|-------|---------|---------|
| Punkt | aktiv | Eingang | Ausgang |
| 1 | ja | -100 | -100 |
| 2 | nein | | |
| 3 | nein | | |
| 4 | nein | | |
| 5 | nein | | |
| 6 | nein | | |
| 7 | nein | | |
| 8 | ja | 100 | 100 |

Geberschalter

| Nummer | Geber | Position | Richtung | Schalter |
|--------|---------|----------|----------|-------------------|
| G1 | Geber 1 | 82 | | Schalter 3 invers |
| G2 | --- | 0 | | --- |
| G3 | --- | 0 | | --- |
| G4 | --- | 0 | | --- |
| G5 | --- | 0 | | --- |
| G6 | --- | 0 | | --- |
| G7 | --- | 0 | | --- |
| G8 | --- | 0 | | --- |

logische Schalter

| Nummer | Schalter 1 | Funktion | Schalter 2 |
|--------|------------|----------|------------|
| L1 | --- | und | --- |
| L2 | --- | und | --- |
| L3 | --- | und | --- |
| L4 | --- | und | --- |
| L5 | --- | und | --- |
| L6 | --- | und | --- |
| L7 | --- | und | --- |

Phaseneinstellungen

| Phase | Name | Uhr | Motor | Umschaltzeit |
|---------|---------|-----|-------|--------------|
| Phase 1 | Start | --- | nein | 3,0s |
| Phase 2 | Normal | --- | nein | 3,0s |
| Phase 3 | Landung | --- | nein | 3,0s |
| Phase 4 | | --- | nein | 3,0s |

Phasenzuweisung

| | | |
|-------------------------------|-------------------|----------------|
| Prioritätsschalter A | --- | Phase: 1:Start |
| Prioritätsschalter B | --- | Phase: 1:Start |
| Kombinationsschalter C | Schalter 5 normal | |
| Kombinationsschalter D | Schalter 6 normal | |
| Kombinationsschalter E | --- | |
| Kombinationsschalter F | --- | |

Kombinationsphasenzuweisungen

| C | D | E | F | Phase |
|-----|-----|-----|-----|-----------|
| aus | aus | aus | aus | 2:Normal |
| aus | aus | aus | an | 1:Start |
| aus | aus | an | aus | 1:Start |
| aus | aus | an | an | 1:Start |
| aus | an | aus | aus | 3:Landung |
| aus | an | aus | an | 1:Start |
| aus | an | an | aus | 1:Start |
| aus | an | an | an | 1:Start |
| an | aus | aus | aus | 1:Start |
| an | aus | aus | an | 1:Start |
| an | aus | an | aus | 1:Start |
| an | aus | an | an | 1:Start |
| an | an | aus | aus | 1:Start |
| an | an | aus | an | 1:Start |
| an | an | an | aus | 1:Start |
| an | an | an | an | 1:Start |

Phasentrimm

| Phase | HR | QR | QR2 | WK | WK2 |
|----------|----|----|-----|----|-----|
| 1: Start | 0% | 0% | 0% | 0% | 0% |

| | | | | | |
|------------|----|----|----|-------|----|
| 2: Normal | 0% | 0% | 0% | -100% | 0% |
| 3: Landung | 0% | 0% | 0% | 100% | 0% |
| 4: | 0% | 0% | 0% | -100% | 0% |

Unverzögerte Kanäle

| Phase | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|------------|-------------|-------------|-------------|-------------|-------------|--------|--------|-------------|-----|
| 1: Start | unverzögert | unverzögert | unverzögert | unverzögert | unverzögert | normal | normal | unverzögert | noi |
| 2: Normal | unverzögert | unverzögert | unverzögert | unverzögert | unverzögert | normal | normal | unverzögert | noi |
| 3: Landung | unverzögert | unverzögert | unverzögert | unverzögert | unverzögert | normal | normal | unverzögert | noi |
| 4: | unverzögert | unverzögert | unverzögert | unverzögert | unverzögert | normal | normal | unverzögert | noi |

Uhren (allgemein)

| | Uhr | Timer | Alarm | Schalter |
|------------|-----------|-------|-------|------------------|
| Modellzeit | | | | --- |
| Oben | Motorzeit | 20:00 | 0s | Geber 1 (invers) |
| Mitte | Flugzeit | 0:00 | 0s | Geber 1 (invers) |

Flugphasenuhren

| | Timer | Alarm | Schalter |
|--------------------------|-------|-------|----------|
| Uhr 1 | 0:00 | 0s | --- |
| Uhr 2 | 0:00 | 0s | --- |
| Uhr 3 | 0:00 | 0s | --- |
| Rundenzähler/Zeittabelle | | | --- |
| Rundenanzeige | | | --- |

Flächenmischer

Phase 1: Start

| Flächenmischer | | | | |
|---------------------------|------|------|-----|-----|
| Querruder 24 Seitenruder | 0% | | --- | |
| Höhenruder 36 Wölbklappen | 0% | 0% | --- | |
| Wölbklappen 63 Höhenruder | 0% | 0% | --- | |
| Höhenruder 35 Querruder | 0% | 0% | --- | |
| Multi-Klappen-Menü | | | | |
| | QR | QR2 | WK | WK2 |
| QR | 100% | 100% | 0% | 0% |
| Querrudertrimmung | 100% | 100% | 0% | 0% |

| | | | | | | | | |
|--------------------------|-------|-------|---------|---------|------|------|------|------|
| Querruderdifferenzierung | 0% | | 0% | | 0% | | 0% | |
| Wölbklappenposition | 0% | | 0% | | 0% | | 0% | |
| WK | 0% | 0% | 0% | 0% | 100% | 100% | 100% | 100% |
| HRWK | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Bremseinstellungen | | | | | | | | |
| Butterfly | 0% | | 0% | | 0% | | 0% | |
| Diff.-Reduction | 0% | | 0% | | 0% | | 0% | |
| HR-Kurve | Kurve | aus | | | | | | |
| | Punkt | aktiv | Eingang | Ausgang | | | | |
| | 1 | ja | -100 | 0 | | | | |
| | 2 | nein | | | | | | |
| | 3 | nein | | | | | | |
| | 4 | nein | | | | | | |
| | 5 | nein | | | | | | |
| | 6 | nein | | | | | | |
| | 7 | nein | | | | | | |
| | 8 | ja | 100 | 0 | | | | |

Phase 2: Normal

| | | | | | | | | |
|---------------------------|-------|-------|---------|---------|-------|------|------|------|
| Flächenmischer | | | | | | | | |
| Querruder 24 Seitenruder | 0% | | --- | | | | | |
| Höhenruder 36 Wölbklappen | 0% | 0% | --- | | | | | |
| Wölbklappen 63 Höhenruder | 0% | 0% | --- | | | | | |
| Höhenruder 35 Querruder | 0% | 0% | --- | | | | | |
| Multi-Klappen-Menü | | | | | | | | |
| | QR | | QR2 | | WK | | WK2 | |
| QR | 100% | | 100% | | 0% | | 0% | |
| Querrudertrimmung | 100% | | 100% | | 0% | | 0% | |
| Querruderdifferenzierung | 0% | | 0% | | 0% | | 0% | |
| Wölbklappenposition | 0% | | 0% | | -100% | | 0% | |
| WK | 0% | 0% | 0% | 0% | 100% | 100% | 100% | 100% |
| HRWK | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Bremseneinstellungen | | | | | | | | |
| Butterfly | 0% | | 0% | | 0% | | 0% | |
| Diff.-Reduction | 0% | | 0% | | 0% | | 0% | |
| HR-Kurve | Kurve | aus | | | | | | |
| | Punkt | aktiv | Eingang | Ausgang | | | | |
| | 1 | ja | -100 | 0 | | | | |
| | 2 | nein | | | | | | |
| | 3 | nein | | | | | | |
| | 4 | nein | | | | | | |
| | 5 | nein | | | | | | |
| | 6 | nein | | | | | | |
| | 7 | nein | | | | | | |
| | 8 | ja | 100 | 0 | | | | |

Phase 3: Landing

| Flächenmischer | | | | | | | | |
|---------------------------|-------|-------|---------|---------|------|------|------|------|
| Querruder 24 Seitenruder | 0% | | --- | | | | | |
| Höhenruder 36 Wölbklappen | 0% | 0% | --- | | | | | |
| Wölbklappen 63 Höhenruder | 0% | 0% | --- | | | | | |
| Höhenruder 35 Querruder | 0% | 0% | --- | | | | | |
| Multi-Klappen-Menü | | | | | | | | |
| | QR | | QR2 | | WK | | WK2 | |
| QR | 100% | | 100% | | 0% | | 0% | |
| Querrudertrimmung | 100% | | 100% | | 0% | | 0% | |
| Querruderdifferenzierung | 0% | | 0% | | 0% | | 0% | |
| Wölbklappenposition | 0% | | 0% | | 100% | | 0% | |
| WK | 0% | 0% | 0% | 0% | 100% | 100% | 100% | 100% |
| HRWK | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Bremseneinstellungen | | | | | | | | |
| Butterfly | 0% | | 0% | | 0% | | 0% | |
| Diff.-Reduction | 0% | | 0% | | 0% | | 0% | |
| HR-Kurve | Kurve | aus | | | | | | |
| | Punkt | aktiv | Eingang | Ausgang | | | | |
| | 1 | ja | -100 | 0 | | | | |
| | 2 | nein | | | | | | |
| | 3 | nein | | | | | | |
| | 4 | nein | | | | | | |
| | 5 | nein | | | | | | |
| | 6 | nein | | | | | | |
| | 7 | nein | | | | | | |
| | 8 | ja | 100 | 0 | | | | |

Phase 4:

| | | | | | | | | |
|---------------------------|------|----|------|----|-------|------|------|------|
| Flächenmischer | | | | | | | | |
| Querruder 24 Seitenruder | 0% | | --- | | | | | |
| Höhenruder 36 Wölbklappen | 0% | 0% | --- | | | | | |
| Wölbklappen 63 Höhenruder | 0% | 0% | --- | | | | | |
| Höhenruder 35 Querruder | 0% | 0% | --- | | | | | |
| Multi-Klappen-Menü | | | | | | | | |
| | QR | | QR2 | | WK | | WK2 | |
| QR | 100% | | 100% | | 0% | | 0% | |
| Querrudertrimmung | 100% | | 100% | | 0% | | 0% | |
| Querruderdifferenzierung | 0% | | 0% | | 0% | | 0% | |
| Wölbklappenposition | 0% | | 0% | | -100% | | 0% | |
| WK | 0% | 0% | 0% | 0% | 100% | 100% | 100% | 100% |
| HRWK | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Bremseinstellungen | | | | | | | | |

| | | | | | | |
|-----------------|-------|-------|---------|---------|----|----|
| Butterfly | 0% | | 0% | | 0% | 0% |
| Diff.-Reduction | 0% | | 0% | | 0% | 0% |
| HR-Kurve | Kurve | aus | | | | |
| | Punkt | aktiv | Eingang | Ausgang | | |
| | 1 | ja | -100 | 0 | | |
| | 2 | nein | | | | |
| | 3 | nein | | | | |
| | 4 | nein | | | | |
| | 5 | nein | | | | |
| | 6 | nein | | | | |
| | 7 | nein | | | | |
| | 8 | ja | 100 | 0 | | |

Freie Mischer

Linearmischer

| Mixer | Input | von | zu | Schalter | Weg - | Weg + | Offset |
|-------------|--------|-----|----|----------|-------|-------|--------|
| LinearMix 1 | Phase | 1 | 1 | --- | 0% | 0% | 0% |
| LinearMix 2 | Normal | 0 | 0 | --- | 0% | 0% | 0% |
| LinearMix 3 | Normal | 0 | 0 | --- | 0% | 0% | 0% |
| LinearMix 4 | Normal | 0 | 0 | --- | 0% | 0% | 0% |
| LinearMix 5 | Normal | 0 | 0 | --- | 0% | 0% | 0% |
| LinearMix 6 | Normal | 0 | 0 | --- | 0% | 0% | 0% |
| LinearMix 7 | Normal | 0 | 0 | --- | 0% | 0% | 0% |
| LinearMix 8 | Normal | 0 | 0 | --- | 0% | 0% | 0% |

Kurvenmischer

| Mixer | Input | von | zu | Schalter | Kurve | Punkt | aktiv | Eingang | Ausgang |
|--------------|--------|-----|----|----------|-------|-------|-------|---------|---------|
| KurvenMix 9 | Normal | 0 | 0 | --- | aus | 1 | ja | -100% | 0% |
| | | | | | | 2 | nein | | |
| | | | | | | 3 | nein | | |
| | | | | | | 4 | nein | | |
| | | | | | | 5 | nein | | |
| | | | | | | 6 | nein | | |
| | | | | | | 7 | nein | | |
| | | | | | | 8 | ja | 100% | 0% |
| KurvenMix 10 | Normal | 0 | 0 | --- | aus | 1 | ja | -100% | 0% |
| | | | | | | 2 | nein | | |
| | | | | | | 3 | nein | | |
| | | | | | | 4 | nein | | |
| | | | | | | 5 | nein | | |
| | | | | | | 6 | nein | | |
| | | | | | | 7 | nein | | |

| | | | | | | | | |
|---------------------|--------|-----|-----|-----|---|------|-------|----|
| KurvenMix 11 | Normal | 0 0 | --- | aus | 8 | ja | 100% | 0% |
| | | | | | 1 | ja | -100% | 0% |
| | | | | | 2 | nein | | |
| | | | | | 3 | nein | | |
| | | | | | 4 | nein | | |
| | | | | | 5 | nein | | |
| | | | | | 6 | nein | | |
| | | | | | 7 | nein | | |
| KurvenMix 12 | Normal | 0 0 | --- | aus | 8 | ja | 100% | 0% |
| | | | | | 1 | ja | -100% | 0% |
| | | | | | 2 | nein | | |
| | | | | | 3 | nein | | |
| | | | | | 4 | nein | | |
| | | | | | 5 | nein | | |
| | | | | | 6 | nein | | |
| | | | | | 7 | nein | | |
| | | | | | 8 | ja | 100% | 0% |

MIX aktiv / Phase

Phase 1: Start

| Mixer | von | zu | aktiv |
|--------------|-----|----|-------|
| LinearMix 1 | 1 | 1 | ja |
| LinearMix 2 | 0 | 0 | ja |
| LinearMix 3 | 0 | 0 | ja |
| LinearMix 4 | 0 | 0 | ja |
| LinearMix 5 | 0 | 0 | ja |
| LinearMix 6 | 0 | 0 | ja |
| LinearMix 7 | 0 | 0 | ja |
| LinearMix 8 | 0 | 0 | ja |
| KurvenMix 9 | 0 | 0 | ja |
| KurvenMix 10 | 0 | 0 | ja |
| KurvenMix 11 | 0 | 0 | ja |
| KurvenMix 12 | 0 | 0 | ja |

Phase 2: Normal

| Mixer | von | zu | aktiv |
|-------------|-----|----|-------|
| LinearMix 1 | 1 | 1 | ja |
| LinearMix 2 | 0 | 0 | ja |
| LinearMix 3 | 0 | 0 | ja |
| LinearMix 4 | 0 | 0 | ja |
| LinearMix 5 | 0 | 0 | ja |
| LinearMix 6 | 0 | 0 | ja |

| | | |
|---------------------|-----|----|
| LinearMix 7 | 0 0 | ja |
| LinearMix 8 | 0 0 | ja |
| KurvenMix 9 | 0 0 | ja |
| KurvenMix 10 | 0 0 | ja |
| KurvenMix 11 | 0 0 | ja |
| KurvenMix 12 | 0 0 | ja |

Kreuzmischer

| | Kanal 1 | Kanal 2 | Differenzierung |
|-----------|---------|---------|-----------------|
| Mischer 1 | ?? | ?? | 0% |
| Mischer 2 | ?? | ?? | 0% |
| Mischer 3 | ?? | ?? | 0% |
| Mischer 4 | ?? | ?? | 0% |

Fail Safe

| Verzögerung | | 0,25s | | | | | | | | | | |
|-------------------|--------|----------|----------|----------|----------|----------|----------|----------|--------|--------|--------|-------|
| FlailSafe Prüfung | | ja | | | | | | | | | | |
| | S1 | S2 | S3 | S4 | S5 | S6 | S7 | S8 | S9 | S10 | S11 | S12 |
| Mode | Halten | Position | Position | Position | Position | Position | Position | Position | Halten | Halten | Halten | Halte |
| Position | --- | 0% | 0% | 0% | 0% | 78% | -80% | 0% | --- | --- | --- | --- |

Lehrer/Schüler

| | | | | | | | | | | | | | | |
|------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-----|
| Kabellos | | nein | | | | | | | | | | | | |
| Lehrer ID | | 0 | | | | | | | | | | | | |
| Schüler ID | | 0 | | | | | | | | | | | | |
| Schalter | | --- | | | | | | | | | | | | |
| | S1 | S2 | S3 | S4 | S5 | S6 | S7 | S8 | S9 | S10 | S11 | S12 | S13 | S14 |
| Mode | Lehrer | Lehrer | Lehrer | Lehrer | Lehrer | Lehrer | Lehrer | Lehrer | Lehrer | Lehrer | Lehrer | Lehrer | Lehrer | Leh |

Senderausgang

| | |
|-------------------|------------|
| S1 (Gas) | Ausgang 1 |
| S2 (Querruder) | Ausgang 2 |
| S3 (Höhenruder) | Ausgang 3 |
| S4 | Ausgang 4 |
| S5 (Querruder) | Ausgang 5 |
| S6 (Landeklappen) | Ausgang 6 |
| S7 (Landeklappen) | Ausgang 7 |
| S8 (Höhenruder) | Ausgang 8 |
| S9 | Ausgang 9 |
| S10 | Ausgang 10 |
| S11 | Ausgang 11 |
| S12 | Ausgang 12 |
| S13 | Ausgang 13 |
| S14 | Ausgang 14 |
| S15 | Ausgang 15 |

Profitrimm

| | QR | QR | WK | WK |
|---------|------|------|------|------|
| aktiv | aus | aus | aus | aus |
| Geber | frei | frei | frei | frei |
| EIN/AUS | --- | | | |

Trimmspeicher

Phase 1: Start

| | |
|-------------|----|
| Kanal 1 | 0% |
| Querruder | 0% |
| Höhenruder | 0% |
| Seitenruder | 0% |

Phase 2: Normal

| | |
|-------------|----|
| Kanal 1 | 0% |
| Querruder | 0% |
| Höhenruder | 0% |
| Seitenruder | 0% |

Phase 3: Landung

| | |
|-------------|-----|
| Kanal 1 | 0% |
| Querruder | 0% |
| Höhenruder | 40% |
| Seitenruder | 0% |

Phase 4:

| | |
|-------------|----|
| Kanal 1 | 0% |
| Querruder | 0% |
| Höhenruder | 0% |
| Seitenruder | 0% |

Telemetrie

| | |
|--------------------|-----|
| Ansage wiederholen | 10s |
|--------------------|-----|

| | |
|----------------------|------------------|
| nächste Ansage | --- |
| Varioton | --- |
| ausgewählte Sensoren | Receiver |
| | GeneralAirModule |
| | GPS |
| aktueller Sensor | GeneralAirModule |
| aktuelle Sensorseite | 1 |

Kanal Sequenzer

| Kanal | aktiv? | Schritt 0 |
|----------|---------|-----------|
| | | Start |
| Kanal 13 | inaktiv | |
| Kanal 14 | inaktiv | |
| Kanal 15 | inaktiv | |

Multikanal

| | aktiv? | Steuerkanal | Kanalzahl | Eingang | Geber | Offset | Weg - | Weg + |
|--------------|---------|-------------|-----------|-----------|-------|--------|-------|-------|
| Multikanal 1 | inaktiv | K5 | 4 Kanäle | Eingang 1 | frei | --- | 0% | 100% |
| | | | | Eingang 2 | frei | --- | 0% | 100% |
| | | | | Eingang 3 | frei | --- | 0% | 100% |
| | | | | Eingang 4 | frei | --- | 0% | 100% |
| Multikanal 2 | inaktiv | K6 | 4 Kanäle | Eingang 1 | frei | --- | 0% | 100% |
| | | | | Eingang 2 | frei | --- | 0% | 100% |
| | | | | Eingang 3 | frei | --- | 0% | 100% |
| | | | | Eingang 4 | frei | --- | 0% | 100% |

Ringbegrenzer

| Eingang | | Ausgang | | aktiv? | Limit | | Offset | |
|---------|---|---------|----|---------|-------|-------|--------|----|
| X | Y | X | Y | | max-X | max-Y | -X | -Y |
| 8 | 7 | 8 | 7 | inaktiv | 100% | 100% | 0% | 0% |
| 8 | 7 | 14 | 13 | inaktiv | 100% | 100% | 0% | 0% |
| 8 | 7 | 16 | 15 | inaktiv | 100% | 100% | 0% | 0% |

MP3-Player

| | |
|------------|----|
| Lautstärke | 30 |
| Album | 0 |

| | |
|--------------|------------------|
| Titel | 15 |
| Modus | Alle wiederholen |

Schalter-/Geberzuordnungen

| Funktion | Schalter/Geber | Typ |
|------------------------|------------------------|---------------|
| CutOff | Schalter 3 invers | Schalter |
| PowerWarning | Schalter 3 normal | Schalter |
| VoiceTrigger | Schalter 10 normal | Schalter |
| ToggleHigh_Ctrl9_Ph0 | Fixschalter invers | Geber |
| ToggleHigh_Ctrl9_Ph1 | Schalter 4 normal | Geber |
| ToggleHigh_Ctrl9_Ph2 | Fixschalter invers | Geber |
| ToggleHigh_Ctrl9_Ph3 | Fixschalter invers | Geber |
| ToggleHigh_Ctrl10_Ph0 | Fixschalter invers | Geber |
| ToggleHigh_Ctrl10_Ph1 | Schalter 4 normal | Geber |
| ToggleHigh_Ctrl10_Ph2 | Fixschalter invers | Geber |
| ToggleHigh_Ctrl10_Ph3 | Fixschalter invers | Geber |
| ToggleHigh_Ctrl11_Ph0 | Schalter 3 normal | Geber |
| InputControl_Ctrl6_Ph0 | seitlicher Drehgeber 2 | Geber |
| DualRate_Aileron_Ph0 | Schalter 1 invers | Schalter |
| DualRate_Aileron_Ph1 | Schalter 1 invers | Schalter |
| DualRate_Aileron_Ph2 | Schalter 1 invers | Schalter |
| DualRate_Elevator_Ph0 | Schalter 1 invers | Schalter |
| DualRate_Elevator_Ph1 | Schalter 1 invers | Schalter |
| DualRate_Elevator_Ph2 | Schalter 1 invers | Schalter |
| DualRate_Rudder_Ph0 | Schalter 1 invers | Schalter |
| DualRate_Rudder_Ph1 | Schalter 1 invers | Schalter |
| DualRate_Rudder_Ph2 | Schalter 1 invers | Schalter |
| Control_0 | Geber 1 | Geberschalter |
| Control_Combine_0 | Schalter 3 invers | Schalter |
| Phase_Combi_C | Schalter 5 normal | Schalter |
| Phase_Combi_D | Schalter 6 normal | Schalter |
| Clock_TOP | Geber 1 (invers) | Schalter |
| Clock_CENTER | Geber 1 (invers) | Schalter |