

Grundeinstellungen Modell

| | | | |
|----------------------------|---|--|--|
| Hersteller | Graupner/SJ | | |
| Sendertyp | mc-32 | | |
| Sender ID | 3000005105 | | |
| Firmware Version | 1.044 | | |
| Datei Version | 1.000 | | |
| Modelltyp | Flugzeug | | |
| Modellname | ASH-26 | | |
| Steueranordnung | Mode 1 | | |
| Modul | HoTT | | |
| DSC-Ausgang | PPM10 | | |
| Motor-Stopp | Position: -100% Limit: 150% Schalter: --- | | |
| Einschaltwarnung | --- | | |
| Auto Trimm | --- | | |
| Auto rücksetzen Uhr | ja | | |

Empfänger 1

| | | | |
|-------------------------|-------------------|---|----------------|
| gebunden | ja | | |
| Telemetrie | ja | | |
| Empfänger ID | 9500000D4C | | |
| Empfängerausgang | Eingang | | Ausgang |
| | S1 | → | Ausgang 1 |
| | S2 (Querruder) | → | Ausgang 2 |
| | S3 (Höhenruder) | → | Ausgang 3 |
| | S4 (Seitenruder) | → | Ausgang 4 |
| | S5 (Querruder) | → | Ausgang 5 |
| | S6 (Landeclappen) | → | Ausgang 6 |
| | S7 (Landeclappen) | → | Ausgang 7 |
| | S8 | → | Ausgang 8 |
| | S9 | → | Ausgang 9 |
| | S10 | → | Ausgang 10 |
| | S11 | → | Ausgang 11 |
| | S12 | → | Ausgang 12 |
| | S1 | → | Ausgang 13 |
| | S1 | → | Ausgang 14 |
| | S1 | → | Ausgang 15 |
| | S1 | → | Ausgang 16 |

Empfänger 2

| | |
|-----------------|------|
| gebunden | nein |
|-----------------|------|

Empfänger 3

| | |
|-----------------|------|
| gebunden | nein |
|-----------------|------|

Empfänger 4

| | |
|-----------------|------|
| gebunden | nein |
|-----------------|------|

Modelltyp

| | |
|-----------------------|------------------------|
| Motor an K1 | kein |
| Leitwerk | Normal |
| Querruder/Wölbklappen | 2QR 2WK |
| Bremse | Offset: 100 Eingang: 1 |

Servoeinstellungen

| Servo | Umkehr | Mitte | Weg - | Weg + | Begrenzung - | Begrenzung + |
|-------------------|--------|-------|-------|-------|--------------|--------------|
| S1 | ← | -29% | 100% | 100% | 150% | 150% |
| S2 (Querruder) | ← | -30% | 100% | 100% | 150% | 150% |
| S3 (Höhenruder) | ← | 4% | 100% | 100% | 150% | 150% |
| S4 (Seitenruder) | → | 10% | 100% | 100% | 150% | 150% |
| S5 (Querruder) | ← | -30% | 100% | 100% | 150% | 150% |
| S6 (Landeklappen) | ← | -2% | 100% | 100% | 150% | 150% |
| S7 (Landeklappen) | ← | -29% | 100% | 100% | 150% | 150% |
| S8 | → | 18% | 100% | 100% | 150% | 150% |
| S9 | → | 1% | 125% | 87% | 150% | 150% |
| S10 | → | 0% | 100% | 100% | 150% | 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% |

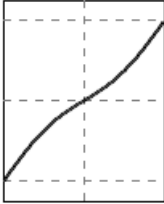
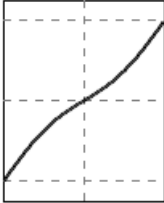
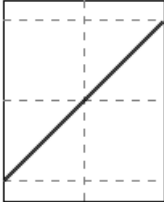
Knüppeleinstellungen

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

Gebereinstellungen - Phase 1:

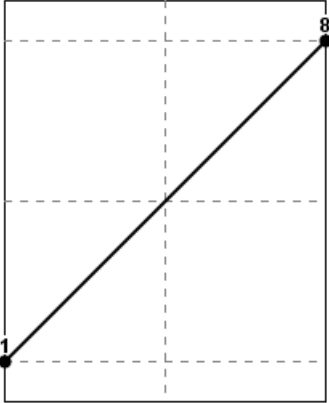
| Eingang | Typ | Geber | | Offset | Weg - | Weg + | Zeit - | Zeit + |
|---------|--------|-------------------|------------|--------|-------|-------|--------|--------|
| E5 | Global | Schieberegler 3 → | | 0% | 100% | 100% | 0,0s | 0,0s |
| E6 | Global | Schieberegler 3 → | | 0% | 100% | 100% | 0,0s | 0,0s |
| E7 | Global | Schieberegler 3 → | | 0% | 100% | 100% | 0,0s | 0,0s |
| E8 | Global | --- | | 0% | 100% | 100% | 0,0s | 0,0s |
| E9 | Global | Schalter 5 | Schalter 6 | 0% | 100% | 100% | 0,0s | 0,0s |
| E10 | Global | --- | | 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:

| | Dual Rate | | Expo | | DR aus | DR aus | DR an | DR an |
|-------------|-----------|------|----------|------|---|---------|----------|---------|
| | Schalter | Wert | Schalter | Wert | Expo aus | Expo an | Expo aus | Expo an |
| Querruder | --- | 100% | --- | 40% |  | | | |
| Höhenruder | --- | 100% | --- | 40% |  | | | |
| Seitenruder | --- | 100% | --- | 0% |  | | | |

Kanal 1 Kurve - Phase 1:

| Phase 1: | | | | |
|----------|-------|-------|---------|---------|
| 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 3 | -25% | ← | --- |
| 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 | --- |
| L8 | --- | und | --- |

Phaseneinstellungen

| Phase | Name | Uhr | Motor | Umschaltzeit | Ansage |
|---------|------|-----|-------|--------------|--------|
| Phase 1 | | --- | ja | 0,1s | 0 |

Phasenzuweisung

| | Schalter | Zuweisung |
|------------------------|----------|-----------|
| Prioritätsschalter A | --- | Phase 1: |
| Prioritätsschalter B | --- | Phase 1: |
| Kombinationsschalter C | --- | |
| Kombinationsschalter D | --- | |
| Kombinationsschalter E | --- | |
| Kombinationsschalter F | --- | |

Kombinationsphasenzuweisungen

| C | D | E | F | Phase |
|-----|-----|-----|-----|----------|
| aus | aus | aus | aus | Phase 1: |
| aus | aus | aus | an | Phase 1: |
| aus | aus | an | aus | Phase 1: |
| aus | aus | an | an | Phase 1: |
| aus | an | aus | aus | Phase 1: |
| aus | an | aus | an | Phase 1: |
| aus | an | an | aus | Phase 1: |
| aus | an | an | an | Phase 1: |
| an | aus | aus | aus | Phase 1: |
| an | aus | aus | an | Phase 1: |
| an | aus | an | aus | Phase 1: |
| an | aus | an | an | Phase 1: |
| an | an | aus | aus | Phase 1: |
| an | an | aus | an | Phase 1: |
| an | an | an | aus | Phase 1: |
| an | an | an | an | Phase 1: |

Phasentrimm

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

unverzögerte Kanäle

| Phase | S1 | S2 | S3 | S4 | S5 | S6 | S7 | S8 | S9 | S10 | S11 | S12 | S13 | S14 | S15 | S16 |
|----------|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|
| Phase 1: | | | | | | | | | | | | | | | | |

Uhren (allgemein)

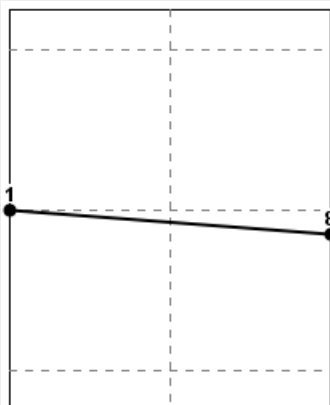
| | Uhr | Timer | Alarm | Schalter |
|------------|----------|-------|-------|-----------------|
| Modellzeit | | | | --- |
| Oben | Stoppuhr | 0:00 | 0s | --- |
| Mitte | Flugzeit | 0:00 | 0s | Geberschalter 1 |

Flugphasenuhren

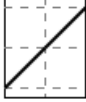


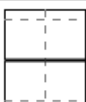
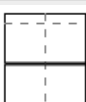
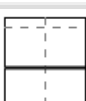
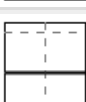
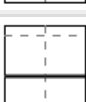
| | Timer | Alarm | Schalter |
|--------------------------|-------|-------|----------|
| Uhr 1 | 0:00 | 0s | --- |
| Uhr 2 | 0:00 | 0s | --- |
| Uhr 3 | 0:00 | 0s | --- |
| Rundenzähler/Zeittabelle | | | --- |
| Rundenanzeige | | | --- |

Flächenmischer - Phase 1:

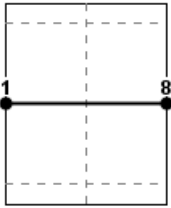
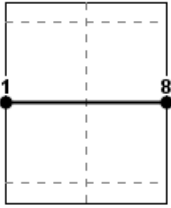
| Flächenmischer | | | | | |
|----------------------------|-------|-------|---------|---------|-----|
| Querruder 2→4 Seitenruder | 0% | | --- | | |
| Wölbklappen 6→3 Höhenruder | -10% | 0% | --- | | |
| Multi-Klappen-Menü | | | | | |
| | QR | | | WK | |
| ↑QR↓ | 100% | | | 20% | |
| Querrudertrimmung | 100% | | | 0% | |
| Querruderdifferenzierung | 50% | | | 20% | |
| Wölbklappenposition | 0% | | | 0% | |
| ↑WK↑ | 120% | 125% | | 37% | 32% |
| HR→WK | 0% | 0% | | 0% | 0% |
| HR→WK-Offset | 0% | --- | | | |
| Bremseinstellungen | | | | | |
| Butterfly | 40% | | | 40% | |
| Diff.-Reduction | 20% | | | 0% | |
| Bremskurve | | | | | |
| 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% | -15% | |



Linearmischer

| Mixer | Input | von → zu | Schalter | Weg - | Weg + | Offset | |
|-------------|--------|----------|----------|-------|-------|--------|---|
| LinearMix 1 | Normal | 1 → 8 | --- | 100% | 100% | 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 | --- | --- | |
| | | | | | 8 | ja | 100% | 0% | |
| KurvenMix 11 | 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 12 | Normal | 0 → 0 | --- | aus | 1 | ja | -100% | 0% |  |
| | | | | | 2 | nein | --- | --- | |
| | | | | | 3 | nein | --- | --- | |
| | | | | | 4 | nein | --- | --- | |
| | | | | | 5 | nein | --- | --- | |
| | | | | | 6 | nein | --- | --- | |
| | | | | | 7 | nein | --- | --- | |
| | | | | | 8 | ja | 100% | 0% | |

MIX aktiv / Phase

| Mixer | von → zu | Ph.1 |
|--------------|----------|------|
| LinearMix 1 | 1 → 8 | × |
| LinearMix 2 | 0 → 0 | × |
| LinearMix 3 | 0 → 0 | × |
| LinearMix 4 | 0 → 0 | × |
| LinearMix 5 | 0 → 0 | × |
| LinearMix 6 | 0 → 0 | × |
| LinearMix 7 | 0 → 0 | × |
| LinearMix 8 | 0 → 0 | × |
| KurvenMix 9 | 0 → 0 | × |
| KurvenMix 10 | 0 → 0 | × |
| KurvenMix 11 | 0 → 0 | × |
| KurvenMix 12 | 0 → 0 | × |

Nur MIX Kanal

| | S1 | S2 | S3 | S4 | S5 | S6 | S7 | S8 | S9 | S10 | S11 | S12 | S13 | S14 | S15 | S16 |
|---------|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|
| Nur Mix | | | | | | | | | | | | | | | | |
| normal | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x |

Kreuzmischer

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

Fail Safe

| | | | | | | | | | | | | | | | | |
|------------------|------|-----|-----|-----|-----|----|-----|------|----|-----|-----|-----|-----|-----|-----|-----|
| Verzögerung | 0,5s | | | | | | | | | | | | | | | |
| FailSafe Prüfung | ja | | | | | | | | | | | | | | | |
| | S1 | S2 | S3 | S4 | S5 | S6 | S7 | S8 | S9 | S10 | S11 | S12 | S13 | S14 | S15 | S16 |
| Position | -69% | 29% | -3% | 10% | 31% | 2% | 28% | 115% | | | | | | | | |
| Hold | | | | | | | | | x | x | x | x | x | x | x | x |

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 | S15 | S16 |
| Schüler | | | | | | | | | | | | | | | | |
| Lehrer | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x |

Senderausgang

| Eingang | Ausgang |
|-------------------|--------------|
| S1 | → Ausgang 1 |
| S2 (Querruder) | → Ausgang 2 |
| S3 (Höhenruder) | → Ausgang 3 |
| S4 (Seitenruder) | → Ausgang 4 |
| S5 (Querruder) | → Ausgang 5 |
| S6 (Landeklappen) | → Ausgang 6 |
| S7 (Landeklappen) | → Ausgang 7 |
| S8 | → 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 |

Profitrimm

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

Trimmspeicher

| | Kanal 1 | | Querruder | | Höhenruder | | Seitenruder | |
|----------|---------|----------|-----------|----------|------------|----------|-------------|----------|
| | Knüppel | Speicher | Knüppel | Speicher | Knüppel | Speicher | Knüppel | Speicher |
| Phase 1: | 4% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |

Telemetrie

| | |
|----------------------|----------|
| Ansage wiederholen | 10s |
| | --- |
| nächste Ansage | --- |
| Varioton | --- |
| erkannte Sensoren | Receiver |
| | GPS |
| aktueller Sensor | GPS |
| aktuelle Sensorseite | 10 |
| RX-Data | Ein |

Kanal Sequenzer

| Kanal | aktiv? | Start |
|----------|---------|-------|
| Kanal 14 | inaktiv | |
| Kanal 15 | inaktiv | |
| Kanal 16 | inaktiv | |
| Schalter | --- | |

Multikanal

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

Ringbegrenzer

| Eingang | | Ausgang | | aktiv? | Limit | | Offset | |
|---------|---|---------|----|---------|-------|-------|--------|-------|
| X | Y | X | Y | | max-X | max-Y | o↔□-X | o↔□-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 | 15 |
| Album | 0 |
| Titel | 0 |
| Modus | Alle wiederholen |

Schalter-/Geberzuordnungen

| Funktion | Schalter/Geber | | |
|------------------------------|----------------|-------------------|---------------|
| | ID | Name | Typ |
| Schalter 1 Eingang 9 Phase 1 | SW6 | Schalter 6 | Schalter |
| Schalter 2 Eingang 9 Phase 1 | SW5 | Schalter 5 | Schalter |
| Geber Eingang 5 Phase 1 | SR3 | Schieberegler 3 → | Geber |
| Geber Eingang 6 Phase 1 | SR3 | Schieberegler 3 → | Geber |
| Geber Eingang 7 Phase 1 | SR3 | Schieberegler 3 → | Geber |
| Geberschalter 1 | GB3 | Geber 3 ← | Geber |
| Uhr Mitte | G1 | Geberschalter 1 | Geberschalter |