



# Proposed Maintenance Clinic

---

ICS Southwest Tribe  
10 February 2007  
Laughlin, NV

Hans Neubert, ICS 7685



## Background Information

---

- First proposed to ICS BOD in Spring 2005
- Rough video tape produced to demonstrate inspection highlights
- Video tape distributed to BOD and a number of Tribe Chiefs in time for Spring meeting
- Concept rejected based on Bonanza Society feedback that these maintenance clinics are 80% social/political and 20% actual benefit



# Proposal Highlights

---

- Inspect control surfaces for rigging & play
  - Use digital protractor & dial indicator
- Inspect stabilator balance
  - Remove cables & use reference balance weight
- Inspect landing gear
  - Check door preload with test weight
  - Remove toggle and check threads with gauges
  - Check emergency extension & gear motor
  - Check up-limit torque with adapter & torque wrench
  - Check steering roller sizes



## Proposed Procedures

---

- Use two A&P/IA inspectors
- Use three assistants (2 helpers, 1 computer)
- Inspection checklist computerized and copied to owner
- Approximately 2 hours per aircraft inspection
- If out-of-tolerance, issue ferry permit
- If safety critical, recommend AOG, order parts, repair as necessary



# Proposal Planning Required

---

- Authorizations
  - Concurrence by owner for inspection
  - Hold Harmless
- Insurance
  - What type of policy is required?
- Paperwork
  - Detailed syllabus and data collection sheets
  - Recommendations/Additional Inspections/Repair
- Cost
  - What is a reasonable cost for this inspection?



# Items for Discussion

---

- Does the Maintenance Clinic even make sense?
- Should these inspections be conducted by local shops or as a Tribe sponsored private event?
- Or, should these inspections only be developed by ICS and recommended shops given to owner? (I.e., pre-purchase/post purchase)
- What kind of log book entry?



## Next Move

---

- Discussion of Proposed Maintenance Clinic among members
- Recommendations to Tribe Chief
- If positive, form working committee to hammer out details
- Trail runs