

# WYOMING GAME AND FISH DEPARTMENT

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*"Conserving Wildlife - Serving People"*

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RE: Wyoming Aerial Pronghorn Survey Manual on CD

The following manual:

Guenzel, Richard J. 1997. *Estimating Pronghorn Abundance Using Aerial Line Transect Sampling*. Wyoming Game and Fish Department, Cheyenne, 174 pp.

has been scanned to a CD in Adobe Acrobat pdf format by individual chapters. This electronic copy should help facilitate distribution and availability due to the extremely limited supply of copies from the initial printing.

The manual on CD is organized in the following arrangement:

1. **LTMANCoverTitleTOCAck.pdf** – includes the cover, title page, table of contents, acknowledgements and other prefatory material. Included is a readers guide, "READ ME FIRST,"
2. **LTMANCh1Intro.pdf** – Chapter 1: Introduction
3. **LTMANCh2QualCon.pdf** – Chapter 2: Quality Control
4. **LTMANCh3SurvDes.pdf** – Chapter 3: Basic Survey Design
5. **LTMANCh4CondSurv.pdf** – Chapter 4: Conducting the Survey
6. **LTMANCh5Analysis.pdf** – Chapter 5: Analysis
7. **LTMANCh6ApplToMgmt.pdf** – Chapter 6: Application to Management
8. **LTMANLitCited.pdf** – Literature Cited
9. **LTMANAppendixI.pdf** – Appendix I: providers of Class 1 Air Charter Services for Wyoming Pronghorn Surveys
10. **LTMANAppendixII.pdf** – Appendix II: Forms for Aerial Line Transect Surveys
11. **LTMANAppendixIII.pdf** – Appendix III: Table of Conversions to Adjust Distance Band Midpoints and Cutpoints for Variations in Survey Height from the Planned Survey Height of 91.4 m (300 ft) AGL
12. **LTMANAppendixIV.pdf** – Appendix IV: Obtaining Updates of the DISTANCE Program and User's Manual via the Internet
13. **LTMANAppendixV.pdf** – Appendix V: DISTANCE Quick Reference

14. **LTMANAppendixVI.pdf** – Appendix VI: Example Templates for DISTANCE Input Files
15. **LTMANAppendixVII.pdf** – Appendix VII: Example Input and Output from DISTANCE
16. **LTMANAppendixVIII.pdf** – Appendix VIII: LIMITS.XLS – Excel Spreadsheet to Calculate User-specified, Log-based Confidence Limits

Since the original publication in 1997, several refinements have been developed in the recommended analysis software, DISTANCE. The current software is much more powerful and user-friendly than the version described in this manual. Therefore, users should consult the DISTANCE Home Page: <http://www.ruwpa.st-and.ac.uk/distance/> for the latest analysis procedures.

Sincerely,

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